



FINANCIAL REPORT OF INVESTMENTS

October 31, 2019

PREPARED BY;

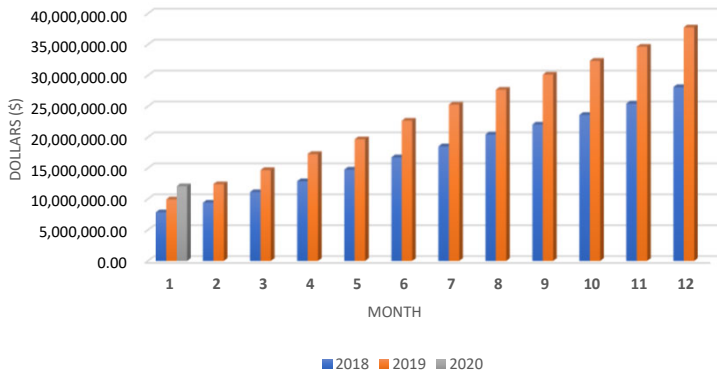
ANDREW MEISNER, COUNTY TREASURER

Andy Meisner, Oakland County Treasurer

Investment Report Summary

Investment Portfolio

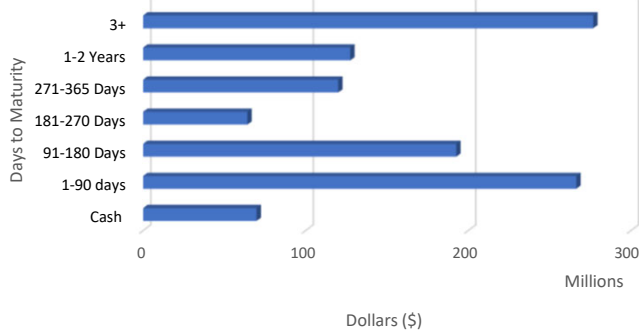
INTEREST EARNED



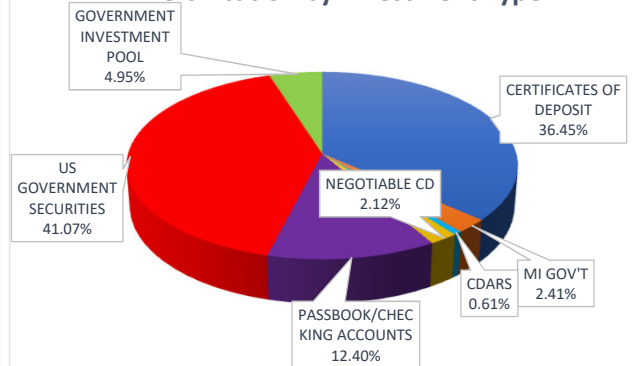
Type	Current Original Cost
CDARS	8,602,327.55
Certificates of Deposit - Bank	514,861,014.96
Federal Agency Issues - Coupon	580,121,345.00
Governmental Investment Pool	69,874,787.79
MI Gov't Coupon	34,000,000.00
Negotiable CDs	29,948,750.00
Passbook/Checking Accounts	175,118,625.60
GRAND TOTALS:	1,412,526,850.90

Diversification

Diversification by Maturity Date

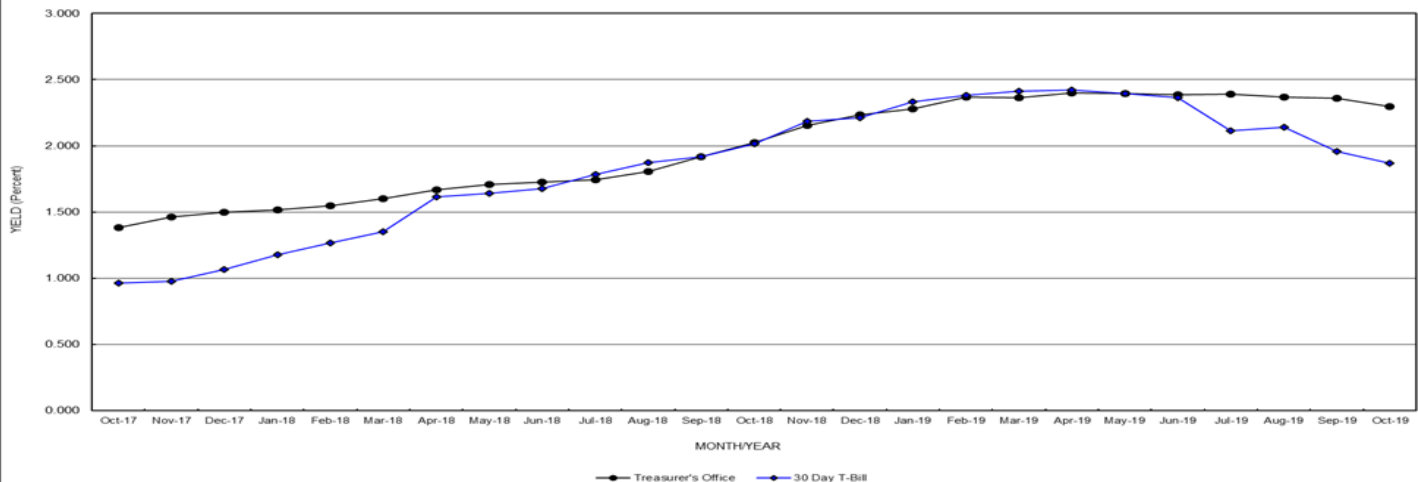


Diversification by Investment Type



Yield

Andrew E. Meisner, Oakland County Treasurer Investment Pool Yield Comparisons

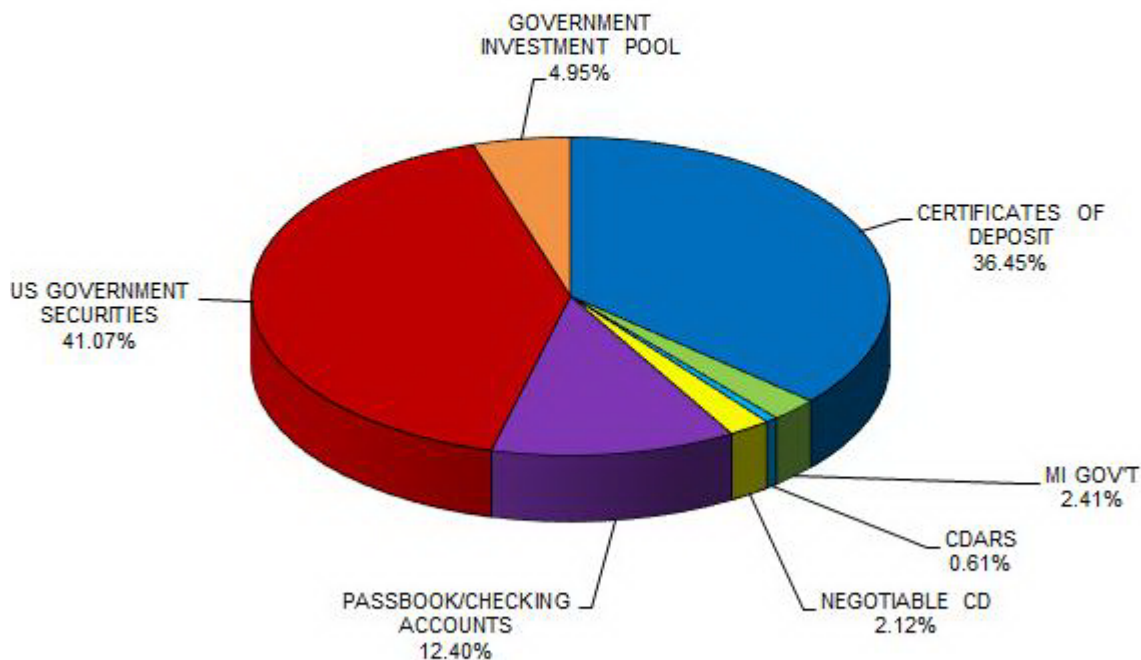


Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of October 31, 2019

Page 1

Type	Current Original Cost
CDARS	8,602,327.55
Certificates of Deposit - Bank	514,861,014.96
Federal Agency Issues - Coupon	580,121,345.00
Governmental Investment Pool	69,874,787.79
MI Gov't Coupon	34,000,000.00
Negotiable CDs	29,948,750.00
Passbook/Checking Accounts	175,118,625.60
GRAND TOTALS:	1,412,526,850.90

County of Oakland
Andrew E. Meisner,
County Treasurer



Investments by Type



Oakland County Treasurer's Office

Summary of Investments by Fund, Type, and Issuer

Report as of October 31, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
10100	General			
	Governmental Investment Pool			
	Imprest Cash		320,272.00	
		Totals for Governmental Investment Pool		320,272.00
		Totals for General		320,272.00
21110	Social Welfare			
	Governmental Investment Pool			
	Imprest Cash		0.00	
		Totals for Governmental Investment Pool		0.00
		Totals for Social Welfare		0.00
21180	Economic Development Corp			
	Governmental Investment Pool			
	Imprest Cash		100.00	
		Totals for Governmental Investment Pool		100.00
		Totals for Economic Development Corp		100.00
29900	WIOA Admin			
	Governmental Investment Pool			
	Imprest Cash		150.00	
		Totals for Governmental Investment Pool		150.00
		Totals for WIOA Admin		150.00
50800	Parks and Recreation			
	Governmental Investment Pool			
	Imprest Cash		39,550.00	
		Totals for Governmental Investment Pool		39,550.00
		Totals for Parks and Recreation		39,550.00
63100	Facilities Maint and Operation			
	Governmental Investment Pool			
	Imprest Cash		50.00	
		Totals for Governmental Investment Pool		50.00
		Totals for Facilities Maint and Operation		50.00
66700	Mailing, Copying and Printing			
	Governmental Investment Pool			
	Imprest Cash		0.00	
		Totals for Governmental Investment Pool		0.00
		Totals for Mailing, Copying and Printing		0.00
73100	Employees' Retirement System			
	Governmental Investment Pool			
	Imprest Cash		10,000.00	
		Totals for Governmental Investment Pool		10,000.00
		Totals for Employees' Retirement System		10,000.00
90100	Investment Pool			
	CDARS			
	The State Bank		8,602,327.55	
		Totals for CDARS		8,602,327.55
	Certificates of Deposit - Bank			
	CIBC		172,866,538.56	
	Chemical Bank		85,697,661.11	
	Chief Financial CU		2,133,372.92	
	Clarkston State Bank		8,393,767.11	
	Horizon Bank		110,304,828.97	
	Huron Valley State Bank		3,121,935.04	
	Level One Bank		20,000,000.00	
	Main Street Bank		22,899,155.48	
	Mercantile Bank of Michigan		20,000,000.00	
	Mi Bank		3,000,000.00	
	Michigan First Credit Union		30,000,000.00	
	PNC Bank		10,000,000.00	
	TCF Bank		10,000,000.00	
	The State Bank		16,443,755.77	
		Totals for Certificates of Deposit - Bank		514,861,014.96
	Federal Agency Issues - Coupon			
	Fannie Mae Coupon		79,998,750.00	
	Farmer Mac Coupon		37,660,625.00	
	Federal Farm Credit Bank		118,001,810.00	
	Federal Home Loan Bank Coupon		156,357,500.00	

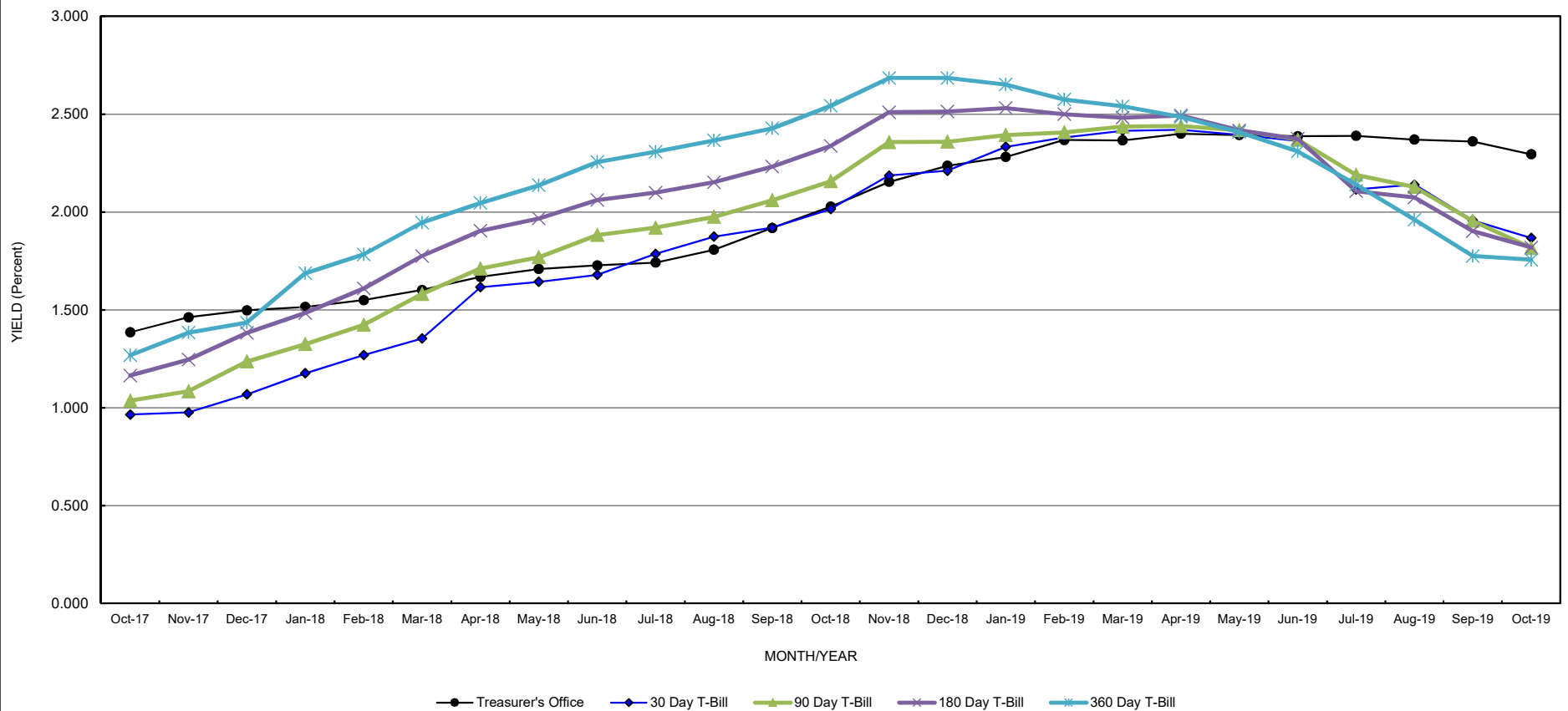


Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of October 31, 2019

Page 2

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
		Freddie Mac Coupon	188,102,660.00	
		Totals for Federal Agency Issues - Coupon		580,121,345.00
	Governmental Investment Pool			
		MI Class	69,504,565.79	
		Northern Trust	0.00	
		Totals for Governmental Investment Pool		69,504,565.79
	MI Gov't Coupon			
		Oakland County Refunding Bond,	34,000,000.00	
		Totals for MI Gov't Coupon		34,000,000.00
	Negotiable CDs			
		JPMorgan Chase Securities	19,961,250.00	
		Wells Fargo Bank	9,987,500.00	
		Totals for Negotiable CDs		29,948,750.00
	Passbook/Checking Accounts			
		CIBC Pool	0.00	
		Chief Financial Credit Union	8,246,669.90	
		District Court int	0.00	
		Flagstar Pool	150,632,173.84	
		Horizon Bank	159,471.95	
		Huntington Pool	10,233.77	
		Lake Michigan Credit Union	470,618.60	
		Level One Bank	504.84	
		Michigan First Credit Union	100.00	
		PNC Bank	4,297,671.50	
		Restitution Int	0.00	
		The State Bank	11,301,181.20	
		Totals for Passbook/Checking Accounts		175,118,625.60
		Totals for Investment Pool		1,412,156,628.90
96789	Business Finance Corp			
	Governmental Investment Pool			
		Imprest Cash	100.00	
		Totals for Governmental Investment Pool		100.00
		Totals for Business Finance Corp		100.00
GRAND TOTALS:				1,412,526,850.90

Andrew E. Meisner, Oakland County Treasurer
Investment Pool Yield Comparisons



Investment Pool Yield Comparison Data

Data Source	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
Investment Pool (Avg.)	1.346	1.360	1.368	1.380	1.370	1.385	1.462	1.498
30 Day T-Bill	0.733	0.699	0.817	0.955	0.968	0.965	0.976	1.068
90 Day T-Bill	0.798	0.895	0.990	1.076	1.028	1.036	1.084	1.236
180 Day T-Bill	0.936	1.027	1.105	1.127	1.126	1.164	1.246	1.382
1 Year T-Bill	1.026	1.112	1.192	1.213	1.222	1.268	1.384	1.435

Data Source	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18
Investment Pool (Avg.)	1.515	1.550	1.602	1.669	1.709	1.727	1.742	1.807
30 Day T-Bill	1.176	1.269	1.354	1.616	1.643	1.679	1.786	1.874
90 Day T-Bill	1.325	1.423	1.580	1.711	1.769	1.882	1.920	1.975
180 Day T-Bill	1.484	1.609	1.775	1.904	1.967	2.061	2.099	2.152
1 Year T-Bill	1.687	1.783	1.946	2.046	2.136	2.255	2.308	2.366

Data Source	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Investment Pool (Avg.)	1.918	2.027	2.154	2.236	2.281	2.368	2.366	2.400
30 Day T-Bill	1.920	2.015	2.186	2.211	2.333	2.381	2.415	2.420
90 Day T-Bill	2.060	2.157	2.357	2.359	2.393	2.407	2.436	2.439
180 Day T-Bill	2.232	2.337	2.510	2.513	2.531	2.500	2.482	2.493
1 Year T-Bill	2.427	2.542	2.685	2.685	2.651	2.575	2.540	2.486

Data Source	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19
Investment Pool (Avg.)	2.393	2.387	2.389	2.370	2.361	2.295	2.239	
30 Day T-Bill	2.394	2.363	2.115	2.140	1.957	1.867	1.706	
90 Day T-Bill	2.418	2.369	2.190	2.128	1.955	1.816	1.666	
180 Day T-Bill	2.417	2.374	2.106	2.074	1.902	1.819	1.658	
1 Year T-Bill	2.408	2.310	2.140	1.961	1.775	1.756	1.602	



Oakland County Treasurer's Office Summary of Received Interest

Report Date Range: October 01, 2019 - October 31, 2019

Page 1

Fund	Fund Description	Interest Received
90100	Investment Pool	3,965,751.88
GRAND TOTAL:		3,965,751.88



Oakland County Treasurer's Office Summary of Discounts Received

Report Date Range: October 01, 2019 - October 31, 2019

Page 1

<u>Fund</u>	<u>Fund Description</u>	<u>Sum of Discounts</u>
90100	Investment Pool	2,000.00
	GRAND TOTALS:	2,000.00

1 Groups Selected

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 1

Fund Description	Sum of Adjusted Earnings
General	1,084,569.56
Public Health	-514,601.43
Mandated Indigent Defense Fund	6,263.01
Child Care Fund	8,337.67
Concealed Pistol Licensing	4,078.08
Register of Deeds Automation	17,371.67
Waste Resource Mgmt Admin	4,625.55
Economic Development Corp	551.72
BFC-Personnel	-4.63
Animal Control Legacy Fund	1,255.94
Art Culture and Films Donation	64.40
Brd of Commissioners Donation	0.28
Childrens Village Donations	369.09
LE Enhance Lab Fees	3,077.63
LE Enhance Sheriff	77.05
L E Enhance DOJ	753.47
LE Enhance DOT	132.97
LE Enhance Omnibus	0.99
L Pernick Memorial Fund	15.69
Law Library Gift Fund	2.78
Library Gift Fund	0.02
Medical Examiner Library Don	34.67
No Haz Waste Donations	221.39
Veterans Services Donations	0.15
Probate Court Trust	8.19
Restr P A Identity Theft	5.06
Prosecutor Citizen Rewards	161.86
PA OWI Forfeiture	169.04
PA Seized Funds	1,302.43
PA OWI Crime Victim	265.51
Sheriff Auto Theft Prevention	98.67
Sheriff Training	411.61
Sheriff Booking Fee Train	762.35
Lake Charnwood Improvement	0.14
Lake Level Investment	12.91
Pontiac Lake Level	70.39
Sylvan - Otter Lake Level	-1.53
Union Lake Level	47.48
Walled and Shawood Lake Level	26.11
Oakland - Woodhull Lake Level	12.63
Oxbow Lake Level	34.83
Tipsico Lake Level	11.57
Long Lake Level	17.17
Lakeville Lake Level	16.27
Watkins Lake Level	108.05
Middle and Lower Lake Level	18.48
Cass Lake Level	-0.79
Duck Lake Level	-91.71
Commerce Lake Level	35.04
Fox Lake Level	63.84
Bevins Lake Level	-3.91
Cedar Island Lake Level	11.46
Waterford Multi Lake Level	-22.30
Scott Lake Level	0.04
Upperstraits Lake Level	0.47

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 2

Fund Description	Sum of Adjusted Earnings
Big Lake Level	15.18
Waumegah Lake Level	-2.54
White Lake Level	-2.85
Orchard Lake Level	-5.12
Oxford Multi Lake Level	17.72
Indianwood Lake Level	22.75
Crystal Dam Lake Level	1.23
Bunny Run Dam Lake Level	-27.49
Lake Louise Lake Level	-8.75
Bush Lake Level	8.02
Drain Ch 4 Maint Admin	80.47
Allen Drain	39.00
Amy Drain	2.03
Arthur Drain	22.54
Axford Drain	25.69
Bailey Drain Ch 4	11.28
Bald Eagle Lake Drain Ch 4	-0.74
Baldwin Drain Ch 4	30.90
Barker - Bailey Drain Ch 4	8.55
Bartlett Drain Ch 4	7.30
Big Meadows Drain Ch 4	25.44
Birdsland Drain Ch 4	42.77
Blackwood Drain Ch 4	66.09
Bloomfld Highlands Drain Ch 4	5.41
Bloomfield Vlg No 2 Drain Ch 4	13.46
Boyd Drain Ch 4	9.30
Brandon - Oxford Drain Ch 4	101.17
Brown Drain Ch 4	29.26
Campbell No 2 Drain Ch 4	40.33
Chatfield Drain Ch 4	14.60
Clarenceville Drain Ch 4	1.77
Clark Drain Ch 4	5.02
Clawson Drain Ch 4	28.58
County Line Drain Ch 4	-64.04
Courter Drain Ch 4	0.06
Cowden Drain Ch 4	29.70
Craft Drain Ch 4	16.73
Deconick Drain Ch 4	91.58
Drahner Drain Ch 4	7.01
Drayton Plains Drain Ch 4	-3.58
Dry Run Drain Ch 4	34.68
Dutton Drain Ch 4	-49.61
Evans Drain Ch 4	13.50
Ferry Drain Ch 4	12.76
Fetterly Drain Ch 4	11.92
Five Points Drain Ch 4	20.35
Four Towns Drain Ch 4	6.20
Francis Drain Ch 4	10.68
Frost Drain Ch 4	19.34
Fulton Drain Ch 4	0.49
Galloway Drain Ch 4	56.61
Galloway Lake Farms Drain Ch 4	11.96
Garner Drain Ch 4	22.56
German Drain Ch 4	6.41
Glendale Drain Ch 4	0.08

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 3

Fund Description	Sum of Adjusted Earnings
Graves Drain Ch 4	-0.04
Greenaway Drain Ch 4	12.76
Green Oak No 1 Drain Ch 4	0.85
Griffin Drain Ch 4	4.03
Grobber Drain Ch 4	7.53
Harmony Drain Ch 4	22.32
Hawks Drain Ch 4	0.31
Hawthorne Drain Ch 4	27.73
Hazel Drain Ch 4	-339.67
Herring Drain Ch 4	5.77
Holden Drain Ch 4	13.78
Honeywell Drain Ch 4	23.66
Houghten Drain Ch 4	53.31
Huber Drain Ch 4	1.56
Kent Drain Ch 4	10.85
Kemp Drain Ch 4	90.67
Krohn Drain Ch 4	17.89
Ladd Drain Ch 4	20.24
Lane Drain Ch 4	21.88
Lyon No 1 Drain Ch 4	26.61
Maynard Drain Ch 4	13.68
Minnow Pond Drain Ch 4	-64.39
McClelland Drain Ch 4	0.95
McClure Drain Ch 4	28.69
New Hudson No 1 Drain Ch 4	84.62
Norton Drain Ch 4	132.03
Novi and Lyon Drain Ch 4	111.51
Oak Knob Drain Ch 4	3.50
Oakland Hls Orchard Drain Ch 4	-34.98
Otter Drain Ch 4	43.65
Oxford Avenue Drain Ch 4	-14.79
Paddison Drain Ch 4	-21.98
Paint Creek Drain Ch 4	-5.84
Patterson - Holly Drain Ch 4	20.03
Patton Drain Ch 4	20.09
Pearl Street Drain Ch 4	-11.69
Perry Drain Ch 4	12.82
Pontiac Creek Ext Drain Ch 4	-6.42
Prince Drain Ch 4	-31.10
Reid and Branch Drain Ch 4	22.20
Renshaw Drain Ch 4	-35.49
Royal Oak No 9 Drain Ch 4	0.74
Sanders Drain Ch 4	0.03
Sayres Drain Ch 4	25.63
Shuler Drain Ch 4	0.36
Swartz Creek Drain Ch 4	-44.76
Swartz Creek Drain No2 Ch4	-2.70
Seeley Drain Ch 4	-64.61
Shanahan Drain Ch 4	37.52
Shoup Drain Ch 4	-6.60
Sibley Drain Ch 4	5.78
Silvercrest Drain Ch 4	10.40
Sinclair Drain Ch 4	8.06
Sinking Bridge Drain Ch 4	38.70
Sir Drain Ch 4	-2.35

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 4

Fund Description	Sum of Adjusted Earnings
South Lyon No 1 Drain Ch 4	-6.20
Spencer Drain Ch 4	-79.07
Sprague Drain Ch 4	76.12
Sturgis Drain Ch 4	35.81
Sunken Bridge Drain Ch 4	31.67
Taylor Drain Ch 4	10.76
A J Taylor Drain Ch 4	33.33
Taylor and Ladd Drain Ch 4	58.49
Tiffany Smith Drain Ch 4	-0.31
Townline Drain Ch 4	32.70
Tulane Drain Ch 4	8.50
Underhill Drain Ch 4	-1.65
Upper Long Lake Drain Ch 4	7.64
U S 16 Drain Ch 4	227.82
Vinewood Drain Ch 4	-38.43
Waldron Drain Ch 4	0.87
Ward Drain Ch 4	1.61
Waskins Drain Ch 4	2.83
Weir Drain Ch 4	-23.69
Wessinger Drain Ch 4	8.46
West End Drain Ch 4	26.67
White and Duck Lake Drain Ch 4	18.11
Wilson Drain Ch 4	0.54
Windemere Drain Ch 4	0.29
Woolman and Wells Drain Ch 4	32.50
Wrey Drain Ch 4	0.52
Yerkes Drain Ch 4	56.95
Sump Ch 5 Drain	548.05
Tuttle Drain Ch 4	25.19
Lochaven Drain Ch 4	13.67
Van Maele Drain Ch 4	9.49
Swan Drain Ch 4	10.08
Sherman Drain Ch 4	7.41
Tilden Drain Ch 4	5.83
Josephine Drain Ch 4	7.88
Linden Drain Ch 4	15.75
Beverly Manor No 1 Drain Ch 4	4.61
Maplehurst Drain Ch 4	-40.76
Addison Dryden Ch 5 Drain	-41.77
Lower Pettibone Drain Ch 4	2.35
Davis Drain Ch 4	22.57
McClung Drain Ch 4	15.96
Bare Drain Ch 4	-1.57
Eleven Mile Road Ext	134.17
Clarenceville Ext Drain Ch 4	19.12
Leonard Drain Ch 4	11.64
Mclvor Drain Ch 4	10.19
Ward Orchards Drain Ch 4	12.19
Leon Drain Ch 4	7.82
El Dorado Drain Ch 4	33.49
Skae Drain Ch 4	14.92
Jewel Drain Ch 4	7.69
Drakeshire Condos Drain Ch18	8.62
Pine Lake - North Drain Ch18	9.98
Arbors - W Bloomfld Drain Ch18	-37.10

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 5

Fund Description	Sum of Adjusted Earnings
Thornberry Drain Ch18	23.55
Maple W Retail Cntr Drain Ch18	0.06
Maplewoods North Drain Ch18	76.74
Profs Vill of West Bloomfield	8.22
Perrytown Estates Drain Ch18	9.58
Country Creek Drain Ch18	273.49
Crown Center Drain Ch18	21.96
Westwood Park Drain Ch18	12.03
Maple Place Woods Drain Ch18	5.81
Walnut Woods Apartments	22.57
Greenpointe Condos Drain Ch18	-8.62
Sherwood Crk Cluster Homes	9.93
The Crossings Drain Ch18	32.42
Bloomfld Glen Health Cntr Ch18	1.70
Maple Park Off Cntr Drain Ch18	32.93
Chimney Hill Apts Drain Ch18	-3.54
Walnut Hills W Bloomfield	13.64
Maple Place Condominium	1.75
Mapleridge Condos Drain Ch18	11.69
Simsbury Condos Drain Ch18	21.06
Ravines W Bloomfld Drain Ch18	9.53
Silverbrook Villa Drain Ch18	-60.88
Aspen Ridge Condo Drain Ch18	55.52
Ramsgate Farms Drain Ch18	20.01
Woodcliff on the Lk Drain Ch18	4.94
Greenpointe North Drain Ch18	18.92
Oakbrooke Condo Drain Ch18	4.23
Simsbury Plaza Drain Ch18	3.82
Oakland Farm Drain Ch18	-3.90
W Bloomfield Ridge Drain Ch18	11.36
Autumn Ridge Est Drain Ch18	0.63
Maple Place Villas Drain Ch18	-5.95
Royal Pointe Drain Ch18	-1.09
Pilgrim Hls WBlmfld Drain Ch18	-18.53
Park Ridge Drain Ch18	31.56
Fieldview Acres Drain Ch18	10.35
Westbrooke Condo Drain Ch18	49.07
Meadowridge Estates Drain Ch18	16.23
Mission Springs Drain Ch18	-25.22
Stonebridge Drain Ch18	9.42
Palais Le Duc Drain Ch18	8.87
Halstead-Pontiac Tr Drain Ch18	13.13
Lagoons W Bloomfld Drain Ch18	-20.76
Southwyck Drain Ch18	19.62
Whispering Woods Drain Ch18	8.16
W Bloomfield Oaks Drain Ch18	107.88
Hills of Oakland Drain Ch18	47.54
Hills of Kings Pnt Drain Ch18	16.06
Pleasant Lake North Drain Ch18	-23.32
Huntwood Meadows Drain Ch18	65.00
Orchard Lake Woods Drain Ch18	18.07
Willow Woods Drain Ch18	3.39
Woodland Ridge Drain Ch18	-21.74
Knollwood Commons Drain Ch18	13.05
Apple Cove Drain Ch18	30.28

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 6

Fund Description	Sum of Adjusted Earnings
Westwind Lake Drain Ch18	-0.23
Royal View Drain Ch18	65.36
Goodison Glen Drain Ch18	7.83
Plum Creek Drain Ch18	-3.99
Wellington Woods Drain Ch18	8.13
Chamberlin Farms Drain Ch18	3.39
Cranbrook Ridge Drain Ch18	8.73
Peggy Street Drain Ch18	20.83
Village Square Drain Ch18	5.79
Maple Creek Drain Ch18	42.54
Birchwood Park Drain Ch18	29.10
Goodison Place Drain Ch18	52.77
Woodlands Drain Ch18	37.29
Century Oaks Drain Ch18	143.48
Pilgrim Hls Estates Drain Ch18	8.93
Chelsea Park Drain Ch18	-15.96
W Bloomfield Manor Drain Ch18	7.21
Bloomfield Pines Drain Ch18	3.04
Lakeview Woodland Rdg Drn Ch18	30.56
Paint Creek Estates Drain Ch18	-0.20
Knorrwood Pines W Drain Ch18	-7.93
Twin Lakes Drain Ch18	212.47
Golden Gate Estates Drain Ch18	32.85
Orchard Ridge Drain Ch18	155.10
Pond Vallee Drain Ch18	7.61
High Meadows Drain Ch18	29.34
Maplecroft Drain Ch18	5.03
Orchards Condo Drain Ch18	9.79
Deer Point Drain Ch18	3.15
Wyndham Pointe Drain Ch18	46.30
Fairfield Estates Drain Ch18	7.79
Cornerstone Condo Drain Ch18	21.10
Century Woods Drain Ch18	26.31
Green Lake Crossing Drain Ch18	3.10
Park Ridge South Drain Ch18	28.17
Villas of Maple Crk Drain Ch18	67.77
Village Square Nrth Drain Ch18	24.69
Cloisters Drain Ch18	4.30
Kingsridge Drain Ch18	7.03
Kirklands Drain Ch18	32.20
Carrollton Hills Drain Ch18	29.96
Claremont Drain Ch18	8.61
Oakland Knolls Drain Ch18	88.09
Walnut Creek Drain Ch18	16.68
Wyndgate Drain Ch18	14.90
Simsbury North Drain Ch18	12.10
Guardian Angel Drain Ch18	410.07
Northwoods Forest Drain Ch18	9.66
Oakland Crest Drain Ch18	216.66
Oakland Meadows Drain Ch18	51.49
Windrift Pond Drain Ch18	11.31
Azzo Drain Ch18	7.08
Heights Drain Ch18	55.07
Windridge Hills Drain Ch18	21.58
Pembroke Park Drain Ch18	13.11

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 7

Fund Description	Sum of Adjusted Earnings
Wellington Drain Ch18	40.42
W Bloomfield Pines Drain Ch 18	12.10
Brandywine Village Drain Ch18	99.91
Carrington Gardens Drain Ch18	30.80
Delta Kelly Drain Ch18	-20.79
Wyndridge Estates Drain Ch18	18.88
Wellington Meadows Drain Ch18	23.05
Woods of Bev Crest Drain	38.05
Shore North Drain Ch18	18.39
Oak Grove Drain Ch18	22.08
Autumn Park Drain Ch18	13.26
Pinnacle Drain Ch18	107.78
Alpine Academy Drain Ch18	14.16
Fairfield Meadows Drain Ch18	42.33
W Trail Preserve Chapter 18	27.81
Eagle Creek Drain Ch18	6.57
Berkshire Estates of Oakland T	693.13
Pines Leigh Drain Ch18	0.09
Hidden Creek Drain Ch18	8.32
Bungalows Drain Ch18	6.25
Lochaven Woods Drain Ch18	-17.54
Wynstone Drain Ch18	398.86
The Legacy Drain Ch 18	7.12
Turnberry Place ch 18 Drain	124.79
Goodison Vineyard Ch 18 Drain	-1.02
Sherwood Forest Garden Drain	-7.56
Maple Creek Office South Ch18	10.82
Hidden Creek of OAT Ch18	-20.11
Legacy Woods Drain Ch 18	45.90
Twin Beach Drain Ch 18	45.68
Act 342 Proposed Con Projects	599.90
Farmington Hills Water Supply	4,306.90
Act 342 Middlebelt Trans/Tunn	2,530.44
FR 342 ALARM	-310.56
Act 342 NEI Improvements	6,932.33
Act 342 ROT Water Supply	63.76
Regional Water Sply Syst Study	430.81
Friend of the Court	-8,853.40
FOC Access Visitation	6.44
Drug Court Circuit Adult SCAO	-297.18
Drug Court Circuit Juveni SCAO	-15.22
Drug Court Dist 52 1 Probation	-73.58
Drug Court District 52-4 SCAO	-9.82
Drug Court 52 3 Dist SCAO	-52.97
Drug Court District 52 4 SCAO	-127.53
ATPA Grants	-805.29
Prosecutor Co-Op Reimbursement	-834.56
Drug Policy Grant	-426.78
JAG 2018 DJ BX 0805	-137.65
Criminal Justice Training Grnt	63.77
Sheriff Road Patrol	-1,034.27
Paul Coverdell Grant	-34.30
FY2018 DNA CEBR Program	-69.40
Community Corrections	-625.35
JAG 2017 DJ BX 0947	-0.64

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 8

Fund Description	Sum of Adjusted Earnings
OSAS Tobacco Money	167.75
Health MDPH-OSAS	520.45
HLth Early Warn Infect DisSurv	0.38
Health Adolescent Screening Gr	110.30
Health Tobacco Reduction	13.08
Health Communities Planning	15.77
HLth Infant Mortality-MIHAS	25.99
HLth Immunization Action Plan	195.42
Health Child Services	6.75
Health FIMR	0.01
Health WIC	1,544.26
Health TB Outreach	36.12
Health AIDS Counseling	305.00
Health HIV Surveillance	5.09
HLth Imm Central Vacc	2.14
Health Vaccines for Children	67.07
Health MCH Block	4,751.74
Health Bioterrorism	710.76
HLth Nurse Family Partnership	22.13
Health Surface Water Assmnt	-38.59
Health PHEP	80.80
Suicide Prevention	-136.35
Home Visiting Initiative	-74.86
HIV Data to Care	27.03
Hep A Response	-0.04
Safer Opioid Prescribing Prac	22.47
HLth Nurse Edu Quality & Prac	-29.93
Emerging Threats - Hep C	134.88
Retail Food Standards	-7.93
2019 Medical Marihuana Oper	-200.54
NEHA NEARS	0.45
HIV PrEP Clinic	-0.44
Health West Nile Virus	-0.37
Traffic Safety Assistance	17.33
Clerk Survey Reomonumentation	-48.31
County Veterans Service Fund	-603.54
FEMA Grants	-31.04
Domestic Preparedness Equipment	-410.41
Brownfield Consortium Assessmt	-67.14
Brownfields Revolving Loans	1,963.50
Child Lead Poisoning	-23.13
EPI Lab Capacity	6.88
Community Develop Block Grants	1,060.27
Emergency Solutions Grants	-16.77
Housing Counseling Grants	29.82
NSP3 Pontiac	0.32
Home Investment Partner Grants	9,179.62
MSHDA HEPA Grant	-0.31
Neighborhood Stblztn Program 3	102.83
Neighborhood Stblztn Program	3,983.38
Workforce Dev Undistributed	-287.51
WIOA Admin	-72.25
WIOA Adult	-108.45
WIOA Youth	-317.33
WIOA Dislocated Worker	-46.15

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 9

Fund Description	Sum of Adjusted Earnings
WP EMPL SVS	-148.35
ReEmpl Svc	-14.14
GF GP Refugee	-3.35
PATH	-675.09
GFGP PATH	-303.78
TRADE	405.15
FOOD ASSISTANCE	4.21
MWSC OPS	-2.85
SWA ASC	-1.12
MAT 2 Squared	-10.75
RES WBT Spec. Pops. FY17	-0.35
PATH Supportive Svs. FY17	-4.60
SWA Refugee Navigator	-1.66
GFGP Refugee Navigator	-0.77
America's Promise	5.05
WIOA IFA VET PY17	-3.36
WIOA IFA UIA PY17	-6.98
Foster SYEP	-2.98
Community Ventures	-24.98
Talent Fund	-203.05
Michigan Rehabilitation Svs	-4.93
Employer Engagement	-0.74
ES MWSC	-1.71
Oak Park Debt	314.81
BA-FAC Infrastructure-IT Debt	-190.57
BA CMHA Bldg Renov Debt	204.90
BA Animal Ctrl Pet Adopt Debt	15,917.51
BA Keego Harbor Debt	-0.39
CMHA Housing Proj Refunding	0.63
52-3 DC Refunding Bonds	0.01
WrkRel JailMgt Video Refunding	0.01
Office Bldg Reno Refunding	0.01
Sheriff Substation Refunding	2.13
Roch Hills Ext5A Refunding	1.61
Farmington Hills Wtr Sup Debt	15.01
ACT 342 Middlebelt Transport	30.79
Franklin Grinder Pump AI Debt	0.23
Act 342 NEI Debt	12.31
COSDS Softwater Lake Ext Debt	4.40
Highland Twp2 Well Water Suppl	2.32
Building Improvement	13,917.18
Project Work Orders	35,431.63
BA-FAC Infrastructure-IT Projs	373.30
BA Animal Ctrl Pet Adopt	1,722.32
Collaborative Asset MgmtSystem	659.93
BSA Tax Assess Sftware Upgrade	1,761.32
Tax Management System Project	520.82
Imaging System Project	2,562.47
HIPAA Compliance Project	1,720.60
Universal Comm Callabratn Prj	15,375.96
HR-Financial Syst Replacement	19,037.86
Identity and Access Management	3,330.19
Upper Straights LL Dam Recon	-46.03
Waumegah Lk Aug Well Const	36.90
Bush Lake Level Dam	38.13

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 10

Fund Description	Sum of Adjusted Earnings
Bald Eagle Lake Drain Ch4 Con	-18.68
Lower Pettibone Lk San Ch4 Con	585.23
Scott Lake Augmentation Well	26.73
Drain Commissioner Revolving	2,393.50
Long-Term Revolving Fund	3,891.18
Parks and Recreation	54,881.68
Delinquent Tax Revolving	407,678.63
Delinquent Personal Tax Admin2	2,338.59
Fire Records Management	926.91
CLEMIS	29,091.91
Radio Communications Fund	73,912.43
County Airports	45,515.04
Water and Sewer General Admin	5,866.29
Highland Township Water	1,429.85
Lyon Twp Water	0.16
Springfield Township Water	696.68
Oakland Township Water	4,521.19
Oxford Township Water	-468.56
Walled Lake Water	-613.77
Pontiac Water	62,712.17
Commerce Twp - Detroit Water	11,931.94
Farmington Hills Water	27,146.37
Orchard Lake Water	1,580.61
Keego Harbor Water	1,523.11
Beverly Hills Water	1,663.71
Bingham Farms Water	638.54
Bloomfield Hills Water	-1,773.60
Royal Oak Township Water	733.02
Farmington Water	-15.24
Addison Oaks Park WWTP	21.00
Belle Ann Falls Ests Sub WWTP	24.99
Softwater Lake Condos WWTP	110.50
Walled Lake - Novi WWTP	3,854.99
Walled Lake SDS	1,140.88
Novi SDS	2,070.65
Commerce Twp WWTP	24,221.63
Commerce Septic Systems	41.93
White Lake Sewer	-403.87
Pontiac Sewer	30,759.23
Commerce Sewer	-308.71
Oakland Township Sewer	4,335.37
Lake Orion Sewer	730.75
Oxford Township Sewer	2,309.90
Farmington Hills Sewer	40,301.88
Orchard Lake Sewer	207.09
Keego Harbor Sewer	2,993.03
Beverly Hills Sewer	1,104.94
Bingham Farms Sewer	454.62
Franklin Sewer	1,390.45
Bloomfield Hills Sewer	702.08
Royal Oak Township Sewer	2,333.43
Farm City SDS Retention Basin	2.25
Woodlynne Storm Water Pump Sta	23.79
Lathrup Village SRT	60.64
Groveland Oaks WWTP	-1.97

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 11

Fund Description	Sum of Adjusted Earnings
Lyon Oaks WWTP	54.70
Springfield Oaks Park WWTP	40.70
Wolverine Lake SDS	2,806.94
Wolverine Lake Water	2,468.81
Evergreen-Farmington SDS	46,668.58
Ten Mile Rouge	180.30
SOCSDS Sewage Disposal	16,362.55
SOCSDS Pollution Control	90,622.82
Twelve Towns	-3,842.61
Clinton-Oakland SDS	41,433.20
Huron-Rouge SDS	19,010.19
Facilities Maint and Operation	26,194.60
Information Technology	-2,586.17
Drain Equipment	40,042.79
Motor Pool	12,593.36
Telephone Communications	6,447.98
Building Liability Insurance	18,861.04
Fringe Benefits	228,877.00
Employees Retirement System	4,511.76
VEBA Trust	2,168.29
Superseding Trust	167.16
52-1 District Court Trust	83.40
52-2 District Court Trust	52.01
52-3 District Court Trust	138.99
52-4 District Court Trust	138.99
Undistributed Taxes 14 15	0.02
Industrial Facilities 14 15	-23.18
Tax Collection 14 15	23.16
Undistributed Taxes 2016-17	-26.49
Undistributed Taxes 2019-20	479.82
Industrial Facilities 2019-20	663.85
Tax Collection 2019-20	387,997.49
Register of Deeds Trust	738.36
Sheriff NET Forfeiture	2,857.91
Circuit Court Trust	7,653.31
Escheats Trust	349.95
Legatee Trust	3,239.41
Special Trusts	8,227.30
Contractors Retainage	9,552.08
Public Library Trust	2,150.69
LGIP Auburn Hills	15,157.09
LGIP Berkley	2,897.46
LGIP City of Bloomfield Hills	23,193.94
LGIP Clarkston City Village	970.83
LGIP Farmington General Recv	4,933.06
LGIP Farmington Hills General	17,610.75
LGIP Huntington Woods General	2,494.82
LGIP City of Keego Harbor	1,850.78
LGIP Lk Angelus City-General	808.74
LGIP Lk Angelus City-Imp Revol	246.31
LGIP Madison Heights	53,663.83
LGIP City of Novi	116,722.62
LGIP Oak Park	24,088.85
LGIP Orchard Lk VI Cty General	5,970.92
LGIP Orchard Lk VI Cty Motor P	638.96

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 12

Fund Description	Sum of Adjusted Earnings
LGIP Orchard Lk VI Cty Wat Db	449.65
LGIP Orchard Lk VI Cty Sew Db	1,871.13
LGIP OLV Road	1.46
LGIP OLV Building Dept	484.91
LGIP Pleasant Ridge	8,857.10
LGIP Pontiac	40,893.16
LGIP City of Rochester	7,803.75
City of Rochester Hills	19,869.35
LGIP City of Southfield	47,838.00
LGIP Southfield City-Escrow	108,507.30
LGIP Southfield City-Tax 1	8,461.32
LGIP Southfield Roads	28.54
LGIP SOUTHFIELD WATER & SEWER	17,048.33
LGIP City of Sylvan Lake	1,310.12
LGIP City of Wixom	3,983.28
LGIP Wixom Wastewater	4,575.69
LGIP Wixom Water	2,287.85
LGIP Addison Township	5,285.45
LGIP Bloomfield Twp	62,141.83
LGIP Brandon Township	3,099.80
LGIP Brandon Twp Fire Dept	1,474.23
LGIP Brandon Fire Ambulance	1,551.34
LGIP Brandon Fire Operating	3,412.82
LGIP Brandon Library Savings	1,972.13
LGIP Brandon Police	3,950.53
LGIP Brandon Twp-General Fund	1,724.66
LGIP Brandon Twp-Cable Savings	622.19
LGIP Brandon Twp Recreation	45.51
LGIP Brandon Twp Lake Louise	27.39
LGIP Brandon Twp Com Fire E&H	224.05
LGIP Commerce Twp Sewer	5,557.04
LGIP Commerce Twp Library	6,172.28
LGIP Commerce Twp General	13,758.53
LGIP Commerce Twp Fire	8,611.52
LGIP Commerce Twp Police	5,673.30
LGIP Commerce Twp Sinking Fund	22,134.11
LGIP Commerce Twp Open Space	3,474.78
LGIP Commerce Twp Water	3,700.14
LGIP Commerce Budget Stabil	3,751.33
LGIP Groveland Township	208.37
LGIP Groveland Twp Infra Imp	3,848.07
LGIP Groveland Twp Fire	706.98
LGIP Groveland Twp Health 702	960.61
LGIP Groveland Twp Bldg 249	1,515.22
LGIP Highland Twp Police	629.10
LGIP Highland Twp Fire	1,551.60
LGIP Highland Twp Fire Capital	2,243.80
LGIP Highland Twp General	872.27
LGIP Highland Twp Refuse	883.52
LGIP Independence Township	15,004.36
LGIP Milford TWP Regular Fire	1,993.86
LGIP Milford Twp Library	778.78
LGIP Milford Twp General	3,132.80
LGIP Milford Twp Road	685.57
LGIP Milford Twp Land Acquisit	608.03

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 13

Fund Description	Sum of Adjusted Earnings
LGIP Oakland Township	14,281.26
LGIP Orion Twsp-Water & Sewer	7,773.60
LGIP Orion Twp General	25,611.26
Orion CCCC	3,298.79
LGIP Oxford Twp Sewer	6,044.33
LGIP Oxford Twp Water	4,817.24
LGIP Oxford Twp Cable TV	313.89
LGIP Oxford Twp Trust & Agency	1,336.92
LGIP Oxford Twp Bldg & Site	1.63
LGIP Oxford Twp Tax Fund	14,795.49
LGIP Oxford Twp Parks and Rec	1,792.11
LGIP Oxford Twp Public Library	4,116.83
LGIP Oxford Twp Fire Fund	3,041.16
LGIP Oxford Twp P&R Bond	1,042.67
LGIP Rose Twp General	686.27
LGIP Rose Twp Fire	96.73
LGIP Waterford Township	70,873.95
LGIP Waterford Twp - Tax	2,786.24
LGIP Waterford Twp Water Sewer	24,128.77
LGIP West Bloomfield Township	33,039.12
LGIP West Bloomfield Twp Parks	16,197.19
LGIP W Bloomf Twp Safety Path	0.14
LGIP White Lake Township	32,868.00
LGIP White Lake Twsp Water	5,793.95
LGIP White Lk Twp Park & Rec	1,723.34
LGIP White Lk Twp PL Sewer	1,692.80
LGIP White Lk Twp Spec Assmnts	0.05
LGIP White Lk Twp Trust & Agen	2,519.27
LGIP White Lk Imp Revolving	4,174.81
LGIP Village of Holly	4,266.66
LGIP Village of Holly Water	6,692.75
LGIP Lake Orion Village	6,253.87
LGIP Milford Village	7,096.40
LGIP Ortonville Village	498.38
LGIP Village of Oxford	6,785.22
LGIP Vill Wolverine Lk-Maj Sts	930.56
LGIP Vill Wolverine Lk-General	8,937.60
LGIP Vill Wolverine Lk-Water	5,698.12
LGIP RCOC Road Fund	176,188.34
LGIP RCOC Road Escrow	2,675.80
LGIP RCOC Road Risk	3,059.59
LGIP Tri City Fire Commission	632.36
LGIP Res Rec Recy Auth SE OC	230.58
LGIP W Bloomfield Twp Pub Lib	12,734.66
LGIP SOCWA	4,271.16
LGIP SOCRRA	2,178.72
LGIP Older Person's Commission	724.02
Addison Twp. Library	498.29
Drains Ch 20 Maint Admin	0.76
Dan Devine Drain Ch20	628.30
Eight Mile Drainage District	82.77
Southfield Road Drain Ch20	44.35
Pont Clinton River1 Drain Ch20	50.23
Northwestern Storm Drain Ch20	24.85
Calhoun Drain Ch20	9.50

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 14

Fund Description	Sum of Adjusted Earnings
Owens Relief Drain Ch20	64.72
Austin Drain Ch20	5.36
Pemberton Drain Ch20	15.62
Devonshire Drain Ch20	3.22
Barry Drain Ch20	9.35
Pont Clinton River2 Drain Ch20	18.13
Hamlin Drain Ch20	-1.70
Murphy Drain Ch20	1.45
Evergreen Rd Storm Drain Ch20	37.10
Kollar Drain Ch20	61.33
Nichols Relief Drain Ch20	27.22
Rummell Relief Drain Ch20	107.29
Ballard Drain Ch20	-33.63
Brooklyn Relief Drain Ch20	0.52
Richton Relief Drain Ch20	5.09
Lilly Drain Ch20	13.95
Clarkson Drain Ch20	9.73
Brewer Drain Ch20	21.98
Guyer Drain Ch20	4.21
C H Stevens Relief Drain Ch20	-26.15
Mullen Drain Ch20	4.25
Finney Drain Ch20	7.84
Levinson Relief Drain Ch20	-6.07
Henry Graham Drain Ch20	6.57
Augusta Drain Ch20	30.93
Snyder Drain Ch20	25.23
Wagner Drain Ch20	18.38
Jilbert Drain Ch20	34.08
Horton Relief Drain Ch20	14.57
Barnard Drain Ch20	29.10
Case Drain Ch20	12.11
Halfpenny Drain Ch20	-9.29
Osgood Drain Ch20	-21.93
Wilmont Relief Drain Ch20	-58.98
Pont Clinton River3 Drain Ch20	154.01
Ramiro Drain Ch20	14.23
Varner Relief Drain Ch20	24.26
Luz Relief Drain Ch20	117.84
Edwards Relief Drain Ch20	-32.40
Stewart Relief Drain Ch20	283.12
ODonoghue Drain Ch20	9.52
Joslyn Drain Ch20	32.40
Robert J Evans Relf Drain Ch20	32.04
Hamilton Relief Drain Ch20	36.15
Powers Drain Ch20	-6.00
Joachim Drain Ch20	-9.67
Earlmoor Drain Ch20	7.40
Coy Drain Ch20	89.65
Mastin Drain Ch20	32.73
Perinoff Drain Ch20	232.65
Pontiac WWTF Drain Ch20	3,695.23
Emily Drain Ch20	14.27
Gronkowski Drain Ch20	19.02
Fracassi Drain Ch20	-25.34
Hollander Drain Ch20	98.18

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 15

Fund Description	Sum of Adjusted Earnings
Mainland Drain Ch20	-211.82
Montante Drain Ch20	-20.80
Hoot Drain Ch20	4.75
Peterson Drain Ch20	354.92
Wilcox Drain Ch20	313.95
Richardson Drain Ch20	-13.54
Gabler Drain Ch20	917.63
Kasper Drain Ch20	42.32
Dunleavy Drain Ch20	-73.73
Brotherton Drain Ch20	59.04
Lynn D Allen Drain Ch20	13.40
Hobart Drain Ch20	8.96
Hugh Dohany Drain Ch20	393.81
Quinn Drain Ch20	149.29
Heron Drain Maintenance	86.22
McDonnell Drain Ch20	255.96
Fred D Houghton Drain Ch20	-7.35
Brennan Drain Ch20	10.01
Hayes Drain Ch20	-10.58
Page Drain Ch20	-6.86
Fessler Drain Ch20	2.01
Douglas Drain Ch20	6.11
McDonald Drain Ch20	193.03
Roth Drain Ch20	-80.99
Daly Drain Ch20	7.15
Fortino Drain Ch20	-2.42
Hayward Drain Ch20	4.78
M - 15 Drain Ch20	10.11
Flannery Drain Ch20	241.59
Elliott Drain Ch20	-26.97
Gorsline Drain Ch20	52.80
Lanni Drain Ch20	213.46
Moxley Drain Ch20	19.58
McConnell Drain Ch20	62.29
Olson Drain Ch20	31.90
Dennis Murphy Drain Ch20	7.80
Kelly Drain Ch20	6.55
Doyon Drain Ch20	-14.33
Jackson Drain Ch20	177.62
Caddell Drain Ch20	-4.42
Gosling Drain Ch20	6.04
Vogt Drain Ch20	-13.94
Rewold Drain Ch20	57.05
Moore Drain Ch20	1.45
Nelson Drain Ch20	121.73
Law Drain Ch20	53.95
Skarritt Drain Ch20	22.16
Holland Drain Ch20	-1.87
Dorothy Webb Drain Ch20	-17.01
Fredericks Drain Ch20	-68.67
Johnson Drain Ch20	49.00
Ireland Drain Ch20	57.06
Karas Drain Ch20	24.23
Hamlin Ext Maintenance Fund	73.56
Hampton Drain Ch20	60.21

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 16

Fund Description	Sum of Adjusted Earnings
Lueders Drain Ch20	157.48
Borden Drain Ch20	14.32
Keego Harbor Drain Ch20	-31.73
Beechmont Drain Ch20	-97.30
Jensen Drain Ch20	85.47
Crake Drain Ch20	46.48
King Drain Ch20	428.20
Cranberry Lake Drain Ch20	9.07
Bishop Drain Ch20	13.05
McIntyre Drain Ch20	22.70
Clinton River WRRF Drain CH20	15,002.69
McIntosh Drain Ch20	25.20
Oaks Drain Ch20	-4.13
Pebble Creek Drain Ch20	0.97
Minnow Pond Drain Ch20	49.54
Vinewood Drain Ch20	253.76
Chester Drain Ch20	5.01
John E Olsen Drain Ch20	52.81
Robert Huber Drain Ch20	23.04
Wolf Drain Ch20	55.19
Palmer Drain Ch20	-3.37
David L Moffitt Drain Ch20	-0.22
Joseph Jones Drain Ch20	26.81
Rufe Collier Drain Ch20	11.64
Schmid Drain Ch 20	-182.56
Blue Heron Drain Ch20	-7.07
Bloomfield Hls CSO Drain Ch20	-243.65
Acacia Park CSO Drain Ch20	2,583.42
Korzon Drain Ch20	11.53
Birmingham CSO Drain Ch20	3,411.77
Bloomfield Twp CSO Drain Ch20	-44.88
Bloomfield Vlg CSO Drain Ch20	3,255.12
McCulloch Drain Maintenance	35.78
Kaczmar Drain Ch20	-114.06
Sue Ann Douglas Drain Ch20	7.01
North Arm Relief Drain Ch20	17.42
Charles R Moon Drain Ch20	14.50
Franklin 14 Mile Drain Ch20	30.72
Greenacre Drain Ch20	6.04
John Garfield Drain Ch20	48.17
Robert A Reid Drain Ch20	-22.88
Donohue Drain Ch20	-6.64
Nancy Dingeldey Drain Ch20	7.70
Jacobs Drain Ch20	-6.70
Jamian Drain Ch20	14.46
Tribute Drain Ch20 Maint	3.95
Six Points Drain Ch20	8.25
Pernick Drain Ch 20	-18.61
Kutchey Drain Ch21	102.15
Red Run Federal Drain Ch21	379.89
Red Run Project 2 Drain Ch21	139.28
Walker Relief Drain Ch21	-109.23
Randolph St Drain Ch21	-50.17
Clinton River Basin Drain Ch21	23.30
McCoy Drain Ch21	29.11

Oakland County Treasurer's Office

Monthly Interest Earnings by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 17

Fund Description	Sum of Adjusted Earnings
Red Run Warren Drain Ch21	-16.51
Oakland Macomb InterceptorCh21	29,812.54
Clinton River Spillway	-2.23
Quail Ridge Drain	-8.60
Dan Devine Debt	1.84
Pontiac WWTF Drain Debt	0.88
Pontiac WWTP Debt	2.62
POC WWTF Taxable Debt	894.48
Heron Drain Debt	53.22
POC WWTF Phase I Debt	1.27
King Drain Debt	477.99
Clinton River WRRF	4.66
POC WWTF Phase II Debt	2.94
G W Kuhn Drain Debt	514.71
Franklin Sub-Watershed Debt Fn	51.01
John Garfield Drain Debt	3.66
Donohue Drain Debt	3.41
Rummell Relief Bridge Debt	22.48
Tribute Drain Debt Fund	3.48
OMIDD Seg 1 Debt	192.72
OMIDD Seg 2 Debt	21.14
OMIDD Seg 3 Debt	48.45
OMIDD Seg 4 Debt	44.96
Dan Devine Drain Const	-0.08
Pontiac WWTF Drain Const	25.96
Heron Drain Const	-0.18
Rewold Drain Phase II	-10.43
Rowland Drain Const	-5.82
Clinton River WRRF Drain	429.56
Maplehurst Drain Const	-62.16
Bloomfield Hls CSO Drain Const	-35.55
Bloomfield Twp CSO Drain Const	170.46
Kaczmar Drain Const	-0.60
Franklin Sub-Watershed Const	-61.79
POC WWTF 2014 Improve	190.63
Hamlin Drain Erosion Repair	-14.45
North Hayes Interceptor Const	20.27
GWK SDS Improvement Projects	1,730.69
Oakland Macomb Interceptor	397.55
Oakland Macomb InterceptorSeg3	71.77
Oakland Macomb InterceptorSeg4	17,121.14
Rewold Drain Refunding	4.57
Bloomfield Twp Ref CSO DD	81.72
G W Kuhn Drain Refunding	14.98
Jacobs Drain Refunding	2.42
Public Transportation Authrty	28.94
Oak Co Zoological Authority	34.80
Art Institute Authority	189.11
Business Finance Corporation	2,464.20
GRAND TOTALS:	<u>3,963,214.07</u>

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 1

Fund Description	Ending Accrual
General	-472,524.86
Public Health	224,201.36
Mandated Indigent Defense Fund	-2,728.67
Child Care Fund	-3,632.55
Concealed Pistol Licensing	-1,776.73
Register of Deeds Automation	-7,568.48
Waste Resource Mgmt Admin	-2,015.26
Economic Development Corp	-240.37
BFC-Personnel	2.02
Animal Control Legacy Fund	-547.19
Art Culture and Films Donation	-28.06
Brd of Commissioners Donations	-0.12
Childrens Village Donations	-160.80
LE Enhance Lab Fees	-1,340.86
LE Enhance Sheriff	-33.57
L E Enhane DOJ	-328.27
LE Enhance DOT	-57.93
LE Enhance Omnibus	-0.43
L Pernick Memorial Fund	-6.84
Law Library Gift Fund	-1.21
Library Gift Fund	-0.01
Medical Examiner Library Don	-15.10
No Haz Waste Donations	-96.45
Veterans Services Donations	-0.07
Probate Court Trust	-3.57
Restr P A Identity Theft	-2.20
Prosecutor Citizen Rewards	-70.52
P A OWI Forfeiture	-73.65
P A Seized Funds	-567.44
P A OWI Crime Victim	-115.68
Sheriff Auto Theft Prevention	-42.99
Sheriff Training	-179.33
Sheriff Booking Fee Train	-332.14
Lake Charnwood Improvement	-0.06
Lake Level Investment	-5.62
Pontiac Lake Level	-30.67
Sylvan - Otter Lake Level	0.67
Union Lake Level	-20.69
Walled and Shawood Lake Level	-11.37
Oakland - Woodhull Lake Level	-5.50
Oxbow Lake Level	-15.18
Tipsico Lake Level	-5.04
Long Lake Level	-7.48
Lakeville Lake Level	-7.09
Watkins Lake Level	-47.08
Middle and Lower Lake Level	-8.05
Cass Lake Level	0.34
Duck Lake Level	39.96
Commerce Lake Level	-15.27
Fox Lake Level	-27.81
Bevins Lake Level	1.70
Cedar Island Lake Level	-4.99
Waterford Multi Lake Level	9.72
Scott Lake Level	-0.02
Upperstraits Lake Level	-0.20
Big Lake Level	-6.61

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 2

Fund Description	Ending Accrual
Waumegah Lake Level	1.11
White Lake Level	1.24
Orchard Lake Level	2.23
Oxford Multi Lake Level	-7.72
Indianwood Lake Level	-9.91
Crystal Dam Lake Level	-0.54
Bunny Run Dam Lake Level	11.98
Lake Louise Lake Level	3.81
Bush Lake Level	-3.49
Drain Ch 4 Maint Admin	-35.06
Allen Drain	-16.99
Amy Drain	-0.89
Arthur Drain	-9.82
Axford Drain	-11.19
Bailey Drain Ch 4	-4.91
Bald Eagle Lake Drain Ch 4	0.32
Baldwin Drain Ch 4	-13.46
Barker - Bailey Drain Ch 4	-3.72
Bartlett Drain Ch 4	-3.18
Big Meadows Drain Ch 4	-11.08
Birdsland Drain Ch 4	-18.63
Blackwood Drain Ch 4	-28.79
Bloomfld Highlands Drain Ch 4	-2.36
Bloomfield Vlg No 2 Drain Ch 4	-5.86
Boyd Drain Ch 4	-4.05
Brandon - Oxford Drain Ch 4	-44.08
Brown Drain Ch 4	-12.75
Campbell No 2 Drain Ch 4	-17.57
Chatfield Drain Ch 4	-6.36
Clarenceville Drain Ch 4	-0.77
Clark Drain Ch 4	-2.19
Clawson Drain Ch 4	-12.45
County Line Drain Ch 4	27.90
Courter Drain Ch 4	-0.02
Cowden Drain Ch 4	-12.94
Craft Drain Ch 4	-7.29
Deconick Drain Ch 4	-39.90
Drahner Drain Ch 4	-3.05
Drayton Plains Drain Ch 4	1.56
Dry Run Drain Ch 4	-15.11
Dutton Drain Ch 4	21.61
Evans Drain Ch 4	-5.88
Ferry Drain Ch 4	-5.56
Fetterly Drain Ch 4	-5.19
Five Points Drain Ch 4	-8.87
Four Towns Drain Ch 4	-2.70
Francis Drain Ch 4	-4.65
Frost Drain Ch 4	-8.43
Fulton Drain Ch 4	-0.21
Galloway Drain Ch 4	-24.66
Galloway Lake Farms Drain Ch 4	-5.21
Garner Drain Ch 4	-9.83
German Drain Ch 4	-2.79
Glendale Drain Ch 4	-0.04
Graves Drain Ch 4	0.02
Greenaway Drain Ch 4	-5.56

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 3

Fund Description	Ending Accrual
Green Oak No 1 Drain Ch 4	-0.37
Griffin Drain Ch 4	-1.75
Grobber Drain Ch 4	-3.28
Harmony Drain Ch 4	-9.73
Hawks Drain Ch 4	-0.14
Hawthorne Drain Ch 4	-12.08
Hazel Drain Ch 4	147.99
Herring Drain Ch 4	-2.51
Holden Drain Ch 4	-6.00
Honeywell Drain Ch 4	-10.31
Houghten Drain Ch 4	-23.23
Huber Drain Ch 4	-0.68
Kent Drain Ch 4	-4.73
Kemp Drain Ch 4	-39.50
Krohn Drain Ch 4	-7.80
Ladd Drain Ch 4	-8.82
Lane Drain Ch 4	-9.53
Lyon No 1 Drain Ch 4	-11.60
Maynard Drain Ch 4	-5.96
Minnow Pond Drain Ch 4	28.05
McClelland Drain Ch 4	-0.42
McClure Drain Ch 4	-12.50
New Hudson No 1 Drain Ch 4	-36.87
Norton Drain Ch 4	-57.52
Novi and Lyon Drain Ch 4	-48.58
Oak Knob Drain Ch 4	-1.53
Oakland Hls Orchard Drain Ch 4	15.24
Otter Drain Ch 4	-19.02
Oxford Avenue Drain Ch 4	6.44
Paddison Drain Ch 4	9.58
Paint Creek Drain Ch 4	2.54
Patterson - Holly Drain Ch 4	-8.73
Patton Drain Ch 4	-8.75
Pearl Street Drain Ch 4	5.09
Perry Drain Ch 4	-5.59
Pontiac Creek Ext Drain Ch 4	2.80
Prince Drain Ch 4	13.55
Reid and Branch Drain Ch 4	-9.67
Renshaw Drain Ch 4	15.46
Royal Oak No 9 Drain Ch 4	-0.32
Sanders Drain Ch 4	-0.01
Sayres Drain Ch 4	-11.17
Shuler Drain Ch 4	-0.16
Swartz Creek Drain Ch 4	19.50
Swartz Creek Drain NO2 Ch4	1.18
Seeley Drain Ch 4	28.15
Shanahan Drain Ch 4	-16.35
Shoup Drain Ch 4	2.87
Sibley Drain Ch 4	-2.52
Silvercrest Drain Ch 4	-4.53
Sinclair Drain Ch 4	-3.51
Sinking Bridge Drain Ch 4	-16.86
Sir Drain Ch 4	1.02
South Lyon No 1 Drain Ch 4	2.70
Spencer Drain Ch 4	34.45
Sprague Drain Ch 4	-33.16

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 4

Fund Description	Ending Accrual
Sturgis Drain Ch 4	-15.60
Sunken Bridge Drain Ch 4	-13.80
Taylor Drain Ch 4	-4.69
A J Taylor Drain Ch 4	-14.52
Taylor and Ladd Drain Ch 4	-25.48
Tiffany Smith Drain Ch 4	0.13
Townline Drain Ch 4	-14.25
Tulane Drain Ch 4	-3.70
Underhill Drain Ch 4	0.72
Upper Long Lake Drain Ch 4	-3.33
U S 16 Drain Ch 4	-99.26
Vinewood Drain Ch 4	16.74
Waldron Drain Ch 4	-0.38
Ward Drain Ch 4	-0.70
Waskins Drain Ch 4	-1.23
Weir Drain Ch 4	10.32
Wessinger Drain Ch 4	-3.69
West End Drain Ch 4	-11.62
White and Duck Lake Drain Ch 4	-7.89
Wilson Drain Ch 4	-0.24
Windemere Drain Ch 4	-0.13
Woolman and Wells Drain Ch 4	-14.16
Wrey Drain Ch 4	-0.23
Yerkes Drain Ch 4	-24.81
Sump Ch 5 Drain	-238.78
Tuttle Drain Ch 4	-10.97
Lochaven Drain Ch 4	-5.96
Van Maele Drain Ch 4	-4.13
Swan Drain Ch 4	-4.39
Sherman Drain Ch 4	-3.23
Tilden Drain Ch 4	-2.54
Josephine Drain Ch 4	-3.43
Linden Drain Ch 4	-6.86
Beverly Manor No 1 Drain Ch 4	-2.01
Maplehurst Drain Ch 4	17.76
Addison Dryden Ch 5 Drain	18.20
Lower Pettibone Drain Ch 4	-1.03
Davis Drain Ch 4	-9.83
McClung Drain Ch 4	-6.96
Bare Drain Ch 4	0.68
Eleven Mile Road Ext	-58.45
Clarenceville Ext Drain Ch 4	-8.33
Leonard Drain Ch 4	-5.07
Mclvor Drain Ch 4	-4.44
Ward Orchards Drain Ch 4	-5.31
Leon Drain Ch 4	-3.41
El Dorado Drain Ch 4	-14.59
Skae Drain Ch 4	-6.50
Jewel Drain Ch 4	-3.35
Drakeshire Condos Drain Ch18	-3.75
Pine Lake - North Drain Ch18	-4.35
Arbors - W Bloomfld Drain Ch18	16.16
Thornberry Drain Ch18	-10.26
Maple W Retail Cntr Drain Ch18	-0.03
Maplewoods North Drain Ch18	-33.43
Profs Vill of West Bloomfield	-3.58

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 5

Fund Description	Ending Accrual
Perrytown Estates Drain Ch18	-4.17
Country Creek Drain Ch18	-119.16
Crown Center Drain Ch18	-9.57
Westwood Park Drain Ch18	-5.24
Maple Place Woods Drain Ch18	-2.53
Walnut Woods Apartments	-9.83
Greenpointe Condos Drain Ch18	3.75
Sherwood Crk Cluster Homes	-4.32
The Crossings Drain Ch18	-14.12
Bloomfld Glen Health Cntr Ch18	-0.74
Maple Park Off Cntr Drain Ch18	-14.35
Chimney Hill Apts Drain Ch18	1.54
Walnut Hills W Bloomfield	-5.94
Maple Place Condominium	-0.76
Mapleridge Condos Drain Ch18	-5.09
Simsbury Condos Drain Ch18	-9.18
Ravines W Bloomfld Drain Ch18	-4.15
Silverbrook Villa Drain Ch18	26.53
Aspen Ridge Condo Drain Ch18	-24.19
Ramsgate Farms Drain Ch18	-8.72
Woodcliff on the Lk Drain Ch18	-2.15
Greenpointe North Drain Ch18	-8.24
Oakbrooke Condo Drain Ch18	-1.84
Simsbury Plaza Drain Ch18	-1.66
Oakland Farm Drain Ch18	1.70
W Bloomfield Ridge Drain Ch18	-4.95
Autumn Ridge Est Drain Ch18	-0.27
Maple Place Villas Drain Ch18	2.59
Royal Pointe Drain Ch18	0.47
Pilgrim Hls WBlmfld Drain Ch18	8.07
Park Ridge Drain Ch18	-13.75
Fieldview Acres Drain Ch18	-4.51
Westbrooke Condo Drain Ch18	-21.38
Meadowridge Estates Drain Ch18	-7.07
Mission Springs Drain Ch18	10.99
Stonebridge Drain Ch18	-4.10
Palais Le Duc Drain Ch18	-3.86
Halstead-Pontiac Tr Drain Ch18	-5.72
Lagoons W Bloomfld Drain Ch18	9.05
Southwyck Drain Ch18	-8.55
Whispering Woods Drain Ch18	-3.55
W Bloomfield Oaks Drain Ch18	-47.00
Hills of Oakland Drain Ch18	-20.71
Hills of Kings Pnt Drain Ch18	-7.00
Pleasant Lake North Drain Ch18	10.16
Huntwood Meadows Drain Ch18	-28.32
Orchard Lake Woods Drain Ch18	-7.87
Willow Woods Drain Ch18	-1.48
Woodland Ridge Drain Ch18	9.47
Knollwood Commons Drain Ch18	-5.68
Apple Cove Drain Ch18	-13.19
Westwind Lake Drain Ch18	0.10
Royal View Drain Ch18	-28.48
Goodison Glen Drain Ch18	-3.41
Plum Creek Drain Ch18	1.74
Wellington Woods Drain Ch18	-3.54

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 6

Fund Description	Ending Accrual
Chamberlin Farms Drain Ch18	-1.48
Cranbrook Ridge Drain Ch18	-3.81
Peggy Street Drain Ch18	-9.08
Village Square Drain Ch18	-2.52
Maple Creek Drain Ch18	-18.53
Birchwood Park Drain Ch18	-12.68
Goodison Place Drain Ch18	-22.99
Woodlands Drain Ch18	-16.25
Century Oaks Drain Ch18	-62.51
Pilgrim Hls Estates Drain Ch18	-3.89
Chelsea Park Drain Ch18	6.95
W Bloomfield Manor Drain Ch18	-3.14
Bloomfield Pines Drain Ch18	-1.33
Lakeview Woodland Rdg Drn Ch18	-13.31
Paint Creek Estates Drain Ch18	0.09
Knorrwood Pines W Drain Ch18	3.45
Twin Lakes Drain Ch18	-92.57
Golden Gate Estates Drain Ch18	-14.31
Orchard Ridge Drain Ch18	-67.58
Pond Vallee Drain Ch18	-3.32
High Meadows Drain Ch18	-12.78
Maplecroft Drain Ch18	-2.19
Orchards Condo Drain Ch18	-4.27
Deer Point Drain Ch18	-1.37
Wyndham Pointe Drain Ch18	-20.17
Fairfield Estates Drain Ch18	-3.39
Cornerstone Condo Drain Ch18	-9.19
Century Woods Drain Ch18	-11.46
Green Lake Crossing Drain Ch18	-1.35
Park Ridge South Drain Ch18	-12.27
Villas of Maple Crk Drain Ch18	-29.53
Village Square Nrth Drain Ch18	-10.76
Cloisters Drain Ch18	-1.88
Kingsridge Drain Ch18	-3.06
Kirklands Drain Ch18	-14.03
Carrollton Hills Drain Ch18	-13.05
Claremont Drain Ch18	-3.75
Oakland Knolls Drain Ch18	-38.38
Walnut Creek Drain Ch18	-7.27
Wyndgate Drain Ch18	-6.49
Simsbury North Drain Ch18	-5.27
Guardian Angel Drain Ch18	-178.66
Northwoods Forest Drain Ch18	-4.21
Oakland Crest Drain Ch18	-94.39
Oakland Meadows Drain Ch18	-22.43
Windrift Pond Drain Ch18	-4.93
Azzo Drain Ch18	-3.09
Heights Drain Ch18	-23.99
Windridge Hills Drain Ch18	-9.40
Pembroke Park Drain Ch18	-5.71
Wellington Drain Ch18	-17.61
W Bloomfield Pines Drain Ch 18	-5.27
Brandywine Village Drain Ch 18	-43.53
Carrington Gardens Drain Ch18	-13.42
Delta Kelly Drain Ch18	9.06
Wyndridge Estates Drain Ch18	-8.22

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 7

Fund Description	Ending Accrual
Wellington Meadows Drain Ch18	-10.04
Woods of Bev Crest Drain	-16.58
Shore North Drain Ch18	-8.01
Oak Grove Drain Ch18	-9.62
Autumn Park Drain Ch18	-5.78
Pinnacle Drain Ch18	-46.96
Alpine Academy Drain Ch18	-6.17
Fairfield Meadows Drain Ch18	-18.44
W Trail Preserve Chapter 18	-12.12
Eagle Creek Drain Ch18	-2.86
Berkshire Estates of Oakland T	-301.98
Pines Leigh Drain Ch18	-0.04
Hidden Creek Drain Ch18	-3.62
Bungalows Drain Ch18	-2.73
Lochaven Woods Drain Ch18	7.64
Wynstone Drain Ch18	-173.78
The Legacy Drain Ch 18	-3.10
Turnberry Place Ch 18 Drain	-54.37
Goodison Vineyard Ch 18 Drain	0.45
Sherwood Forest Garden Drain	3.30
Maple Creek Office South Ch18	-4.71
Hidden Creek of OAT Ch18	8.76
Legacy Woods Drain Ch 18	-20.00
Twin Beach Drain Ch 18	-19.90
Act 342 Proposed Con Projects	-261.36
Farmington Hills Water Supply	-1,876.43
Act 342 Middlebelt Trans/Tunn	-1,102.46
FR342 Alarm	135.31
Act 342 NEI Improvements	-3,020.28
Act 342 ROT Water Supply	-27.78
Regional Water Sply Syst Study	-187.70
Friend of the Court	3,857.24
FOC Access Visitation	-2.80
Drug Court Circuit Adult SCAO	129.48
Drug Court Circuit Juveni SCAO	6.63
Drug Court Dist 52 1 Probation	32.06
Drug Court District 52-4 SCAO	4.28
Drug Court 52 3 Dist SCAO	23.08
Drug Court District 52 4 SCAO	55.56
ATPA Grants	350.85
Prosecutor Co-Op Reimbursement	363.60
Drug Policy Grant	185.94
JAG 2018 DJ BX 0805	59.97
Criminal Justice Training Grnt	-27.78
Sheriff Road Patrol	450.61
Paul Coverdell Grant	14.94
FY 2018 DNA CEBR Program	30.24
Community Corrections	272.45
JAG 2017 DJ BX0947	0.28
OSAS Tobacco Money	-73.09
Health MDPH-OSAS	-226.75
HLth Early Warn Infect DisSurv	-0.17
HLth Adolescent Screening Gran	-48.05
Health Tobacco Reduction	-5.70
Health Communities Planning	-6.87
HLth Infant Mortality-MIHAS	-11.32

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 8

Fund Description	Ending Accrual
HLth Immunization Action Plan	-85.14
Health Child Services	-2.94
Health FIMR	-0.01
Health WIC	-672.80
Health TB Outreach	-15.74
Health AIDS Counseling	-132.88
Health HIV Surveillance	-2.22
HLth Imm Central Vacc	-0.93
Health Vaccines for Children	-29.22
Health MCH Block	-2,070.24
Health Bioterrorism	-309.66
HLth Nurse Family Partnership	-9.64
Qpcr Methods for OC Beaches	16.81
Health PHEP	-35.21
Suicide Prevention	59.41
Home Visiting Initiative	32.61
HIV Data to Care	-11.78
28620	0.02
Safer Opioid Prescribing Prac	-9.79
HLth Nurse Edu Quality & Prac	13.04
Emerging Threats - Hep C	-58.76
Retail Food Standards	3.46
2019 Medical Marijuana Oper	87.37
NEHA NEARS	-0.20
HIV PrEP Clinic	0.19
Health West Nile Virus	0.16
Traffic Safety Assistance	-7.55
Clerk Survey Reomonumentation	21.05
County Veterans Service Fund	262.95
FEMA Grants	13.53
Domestic Preparedness Equipment	178.81
Brownfield Consortium Assessmt	29.25
Brownfields Revolving Loans	-855.46
Child Lead Poisoning	10.08
EPI Lab Capacity	-3.00
Community Develop Block Grants	-461.94
Emergency Solutions Grants	7.31
Housing Counseling Grants	-12.99
NSP3 Pontiac	-0.14
Home Investment Partner Grants	-3,999.37
MSHDA HEPA Grant	0.13
Neighborhood Stblztn Program 3	-44.80
Neighborhood Stblztn Program	-1,735.48
Workforce Dev Undistributed	125.26
WIOA Admin	31.48
WIOA Adult	47.25
WIOA Youth	138.26
WIOA Dislocated Worker	20.11
WP EMPL SVS	64.64
RelEmplSvs	6.16
GF GP Refugee	1.46
PATH	294.12
GFGP PATH	132.35
TRADE	-176.52
FOOD ASSISTANCE	-1.84
MWSC OPS	1.24

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 9

Fund Description	Ending Accrual
SWA ASC	0.49
MAT 2 Squared	4.69
RES WBT Spec. Pops. FY17	0.15
PATH Supportive Svs. FY17	2.00
SWA Refugee Navigator	0.72
GFGP Refugee Navigator	0.33
America's Promise	-2.20
WIOA IFA VET PY17	1.46
WIOA IFA UIA PY17	3.04
Foster Yourth SYEP FY18	1.30
Community Ventures PGM FY 18	10.88
Talent Fund	88.46
Michigan Rehabilitation Svs	2.15
Employer Engagement	0.32
ES MWSC	0.74
Oak Park Debt	-137.16
BA-FAC Infrastructure-IT Debt	83.03
BA CMHA Bldg Renov Debt	-89.27
BA Animal Ctrl Pet Adopt Debt	-6,934.93
BA Keego Harbor Debt	0.17
CMHA Housing Proj Refunding	-0.28
52-3 DC Refunding Bonds	-0.01
WrkRel JailMgt Video Refunding	-0.01
Office Bldg Reno Refunding	-0.01
Sheriff Substation Refunding	-0.93
Roch Hills Ext5A Refunding	-0.70
Farmington Hills Watr Sup Debt	-6.54
ACT 342 MiddlebeltTransport	-13.42
Franklin Grinder Pump AI Debt	-0.10
Act 342 NEI Debt	-5.36
COSDS Softwater Lake Ext Debt	-1.92
Highland Twp2 Well Water Suppl	-1.01
Building Improvement	-6,063.43
Project Work Orders	-15,436.84
BA-FAC Infrastructure-IT Projs	-162.64
BA Animal Ctrl Pet Adopt	-750.38
Collaborative Asset MgmtSystem	-287.52
BSA Tax Assess Sftware Upgrade	-767.37
Tax Management System Project	-226.91
Imaging System Project	-1,116.42
HIPAA Compliance Project	-749.63
Universal Comm Collabratn Prj	-6,698.99
HR-Financial Syst Replacement	-8,294.41
Identity & Access Management	-1,450.90
Upper Straights LL Dam Recon	20.06
Waumegah Lk Aug Well Const	-16.08
Bush Lake Level Dam	-16.61
Bald Eagle Lake Drain Ch4 Con	8.14
Lower Pettibone Lk San Ch4 Con	-254.97
Scott Lake Augmentation Well	-11.65
Drain Commissioner Revolving	-1,042.80
Long-Term Revolving Fund	-1,695.31
Parks and Recreation	-23,910.83
Delinquent Tax Revolving	-177,617.27
Delinquent Personal Tax Admin2	-1,018.87
Fire Records Management	-403.84

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 10

Fund Description	Ending Accrual
CLEMIS	-12,674.75
Radio Communications Fund	-32,202.14
County Airports	-19,829.98
Water and Sewer General Admin	-2,555.82
Highland Township Water	-622.96
Lyon Twp Water	-0.07
Springfield Township Water	-303.53
Oakland Township Water	-1,969.79
Oxford Township Water	204.14
Walled Lake Water	267.41
Pontiac Water	-27,322.41
Commerce Twp - Detroit Water	-5,198.50
Farmington Hills Water	-11,827.12
Orchard Lake Water	-688.64
Keego Harbor Water	-663.59
Beverly Hills Water	-724.84
Bingham Farms Water	-278.20
Bloomfield Hills Water	772.72
Royal Oak Township Water	-319.36
Farmington Water	6.64
Addison Oaks Park WWTP	-9.15
Belle Ann Falls Ests Sub WWTP	-10.89
Softwater Lake Condos WWTP	-48.14
Walled Lake - Novi WWTP	-1,679.54
Walled Lake SDS	-497.06
Novi SDS	-902.14
Commerce Twp WWTP	-10,552.87
Commerce Septic Systems	-18.27
White Lake Sewer	175.96
Pontiac Sewer	-13,401.17
Commerce Sewer	134.50
Oakland Township Sewer	-1,888.83
Lake Orion Sewer	-318.37
Oxford Township Sewer	-1,006.37
Farmington Hills Sewer	-17,558.71
Orchard Lake Sewer	-90.23
Keego Harbor Sewer	-1,304.00
Beverly Hills Sewer	-481.40
Bingham Farms Sewer	-198.07
Franklin Sewer	-605.79
Bloomfield Hills Sewer	-305.88
Royal Oak Township Sewer	-1,016.63
Farm City SDS Retention Basin	-0.98
Woodlynne Storm Water Pump Sta	-10.37
Lathrup Village SRT	-26.42
Groveland Oaks WWTP	0.91
Lyon Oaks WWTP	-23.83
Springfield Oaks Park WWTP	-17.73
Wolverine Lake SDS	-1,222.93
Wolverine Lake Water	-1,075.61
Evergreen-Farmington SDS	-20,332.55
Ten Mile Rouge	-78.55
SOCSDS Sewage Disposal	-7,128.83
SOCSDS Pollution Control	-39,482.52
Twelve Towns	1,674.15
Clinton-Oakland SDS	-18,051.60

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 11

Fund Description	Ending Accrual
Huron-Rouge SDS	-8,282.35
Facilities Maint and Operation	-11,412.45
Information Technology	1,126.74
Drain Equipment	-17,445.83
Motor Pool	-5,486.67
Telephone Communications	-2,809.25
Building Liability Insurance	-8,217.37
Fringe Benefits	-99,717.05
Employees Retirement System	-1,965.68
VEBA Trust	-944.68
Superseding Trust	-72.83
52-1 District Court Trust	-36.33
52-2 District Court Trust	-22.66
52-3 District Court Trust	-60.56
52-4 District Court Trust	-60.56
Undistributed Taxes 14 15	-0.01
Industrial Facilities 14 15	10.10
Tax Collection 14 15	-10.09
Undistributed Tax 2016-17	11.54
Undistributed Taxes 2019-20	-209.05
Industrial Facilities 2019-20	-289.23
Tax Collection	-169,042.60
Register of Deeds Trust	-321.69
Sheriff NET Forfeiture	-1,245.13
Circuit Court Trust	-3,334.39
Escheats Trust	-152.47
Legatee Trust	-1,411.34
Special Trusts	-3,584.47
Contractors Retainage	-4,161.65
Public Library Trust	-937.01
LGIP Auburn Hills	-6,603.64
LGIP Berkley	-1,262.36
LGIP City of Bloomfield Hills	-10,105.13
LGIP Clarkston City Village	-422.97
LGIP Farmington General Recv	-2,149.23
LGIP Farmington Hills General	-7,672.64
LGIP Huntington Woods General	-1,086.94
LGIP City of Keego Harbor	-806.35
LGIP Lk Angelus City-General	-352.35
LGIP Lk Angelus City-Imp Revol	-107.31
LGIP Madison Heights	-23,380.24
LGIP City of Novi	-50,853.67
LGIP Oak Park	-10,495.02
LGIP Orchard Lk VI Cty General	-2,601.41
LGIP Orchard Lk VI Cty Motor P	-278.38
LGIP Orchard Lk VI Cty Wat Db	-195.90
LGIP Orchard Lk VI Cty Sew Db	-815.21
LGIP OLV Road	-0.64
LGIP OLV Building Dept	-211.26
LGIP Pleasant Ridge	-3,858.86
LGIP Pontiac	-17,816.32
LGIP City of Rochester	-3,399.93
City of Rochester Hills	-8,656.67
LGIP City of Southfield	-20,842.04
LGIP Southfield City-Escrow	-47,274.42
LGIP Southfield City-Tax 1	-3,686.42

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 12

Fund Description	Ending Accrual
LGIP Southfield Roads	-12.44
LGIP SOUTHFIELD WATER & SEWER	-7,427.61
LGIP City of Sylvan Lake	-570.79
LGIP City of Wixom	-1,735.44
LGIP Wixom Wastewater	-1,993.54
LGIP Wixom Water	-996.77
LGIP Addison Township	-2,302.76
LGIP Bloomfield Twp	-27,073.93
LGIP Brandon Township	-1,350.52
LGIP Brandon Twp Fire Dept	-642.29
LGIP Brandon Fire Ambulance	-675.89
LGIP Brandon Fire Operating	-1,486.89
LGIP Brandon Library Savings	-859.22
LGIP Brandon Police	-1,721.16
LGIP Brandon Twp-General Fund	-751.40
LGIP Brandon Twp-Cable Savings	-271.07
LGIP Brandon Twp Recreation	-19.83
LGIP Brandon Twp Lake Louise	-11.93
LGIP Brandon Twp Com Fire E&h	-97.61
LGIP Commerce Twp Sewer	-2,421.09
LGIP Commerce Twp Library	-2,689.14
LGIP Commerce Twp General	-5,994.31
LGIP Commerce Twp Fire	-3,751.86
LGIP Commerce Twp Police	-2,471.74
LGIP Commerce Twp Sinking Fund	-9,643.38
LGIP Commerce Twp Open Space	-1,513.89
LGIP Commerce Twp Water	-1,612.08
LGIP Commerce Budget Stabil	-1,634.38
LGIP Groveland Township	-90.78
LGIP Groveland Twp Infra Imp	-1,676.52
LGIP Groveland Twp Fire	-308.02
LGIP Groveland Twp Health 702	-418.52
LGIP Groveland Twp Bldg 249	-660.15
LGIP Highland Twp Police	-274.08
LGIP Highland Twp Fire	-676.00
LGIP Highland Twp Fire Capital	-977.58
LGIP Highland Twp General	-380.03
LGIP Highland Twp Refuse	-384.93
LGIP Independence Township	-6,537.10
LGIP Milford Twp Regular Fire	-868.68
LGIP Milford Twp Library	-339.30
LGIP Milford Twp General	-1,364.90
LGIP Milford Twp Road	-298.69
LGIP Milford Twp Land Acquisit	-264.91
LGIP Oakland Township	-6,222.05
LGIP Orion Twsp-Water & Sewer	-3,386.80
LGIP Orion Twp General	-11,158.30
Orion CCCC	-1,437.22
LGIP Oxford Twp Sewer	-2,633.39
LGIP Oxford Twp Water	-2,098.77
LGIP Oxford Twp Cable TV	-136.76
LGIP Oxford Twp Trust & Agency	-582.47
LGIP Oxford Twp Bldg & Site	-0.71
LGIP Oxford Twp Tax Fund	-6,446.10
LGIP Oxford Twp Parks and Rec	-780.79
LGIP Oxford Twp Public Library	-1,793.62

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 13

Fund Description	Ending Accrual
LGIP Oxford Twp Fire Fund	-1,324.97
LGIP Oxford Twp Bond	-454.27
LGIP Rose Twp General	-298.99
LGIP Rose Twp Fire	-42.14
LGIP Waterford Township	-30,878.34
LGIP Waterford Twp - Tax	-1,213.91
LGIP Waterford Twp Water Sewer	-10,512.42
LGIP West Bloomfield Township	-14,394.47
LGIP West Bloomfield Twp Parks	-7,056.79
LGIP W Bloomf Twp Safety Path	-0.06
LGIP White Lake Township	-14,319.92
LGIP White Lake Twp Water	-2,524.30
LGIP White Lk Twp Parks & Rec	-750.82
LGIP White Lk Twp PL Sewer	-737.52
LGIP White Lk Twp Spec Assmnts	-0.02
LGIP White Lk Twp Trust & Agen	-1,097.60
LGIP White Lk Imp Revolving	-1,818.88
LGIP Village of Holly	-1,858.90
LGIP Village of Holly Water	-2,915.90
LGIP Lake Orion Village	-2,724.68
LGIP Milford Village	-3,091.76
LGIP Ortonville Village	-217.14
LGIP Village of Oxford	-2,956.18
LGIP Vill Wolverine Lk-Maj Str	-405.43
LGIP Vill Wolverine Lk-General	-3,893.93
LGIP Vill Wolverine Lk-Water	-2,482.55
LGIP RCOC Road Fund	-76,761.67
LGIP RCOC Road Escrow	-1,165.79
LGIP RCOC Road Risk	-1,333.00
LGIP Tri City Fire Commission	-275.51
LGIP Res Rec Recy Auth SE OC	-100.46
LGIP W Bloomfield Twp Pub Lib	-5,548.23
LGIP SOCWA	-1,860.86
LGIP SOCRRA	-949.22
LGIP Older Person's Commission	-315.44
LGIP Addison Twp. Library	-217.09
Drains Ch 20 Maint Admin	-0.33
Dan Devine Drain Ch20	-273.74
Eight Mile Drainage District	-36.06
Southfield Road Drain Ch20	-19.32
Pont Clinton River1 Drain Ch20	-21.88
Northwestern Storm Drain Ch20	-10.82
Calhoun Drain Ch20	-4.14
Owens Relief Drain Ch20	-28.20
Austin Drain Ch20	-2.34
Pemberton Drain Ch20	-6.80
Devonshire Drain Ch20	-1.40
Barry Drain Ch20	-4.07
Pont Clinton River2 Drain Ch20	-7.90
Hamlin Drain Ch20	0.74
Murphy Drain Ch20	-0.63
Evergreen Rd Storm Drain Ch20	-16.16
Kollar Drain Ch20	-26.72
Nichols Relief Drain Ch20	-11.86
Rummell Relief Drain Ch20	-46.74
Ballard Drain Ch20	14.65

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 14

Fund Description	Ending Accrual
Brooklyn Relief Drain Ch20	-0.23
Richton Relief Drain Ch20	-2.22
Lilly Drain Ch20	-6.08
Clarkson Drain Ch20	-4.24
Brewer Drain Ch20	-9.58
Guyer Drain Ch20	-1.83
C H Stevens Relief Drain Ch20	11.39
Mullen Drain Ch20	-1.85
Finney Drain Ch20	-3.42
Levinson Relief Drain Ch20	2.64
Henry Graham Drain Ch20	-2.86
Augusta Drain Ch20	-13.48
Snyder Drain Ch20	-10.99
Wagner Drain Ch20	-8.01
Jilbert Drain Ch20	-14.85
Horton Relief Drain Ch20	-6.35
Barnard Drain Ch20	-12.68
Case Drain Ch20	-5.28
Halfpenny Drain Ch20	4.05
Osgood Drain Ch20	9.55
Wilmont Relief Drain Ch20	25.70
Pont Clinton River3 Drain Ch20	-67.10
Ramiro Drain Ch20	-6.20
Varner Relief Drain Ch20	-10.57
Luz Relief Drain Ch20	-51.34
Edwards Relief Drain Ch20	14.12
Stewart Relief Drain Ch20	-123.35
ODonoghue Drain Ch20	-4.15
Joslyn Drain Ch20	-14.12
Robert J Evans Relf Drain Ch20	-13.96
Hamilton Relief Drain Ch20	-15.75
Powers Drain Ch20	2.61
Joachim Drain Ch20	4.21
Earlmoor Drain Ch20	-3.22
Coy Drain Ch20	-39.06
Mastin Drain Ch20	-14.26
Perinoff Drain Ch20	-101.36
Pontiac WWTF Drain Ch20	-1,609.94
Emily Drain Ch20	-6.22
Gronkowski Drain Ch20	-8.29
Fracassi Drain Ch20	11.04
Hollander Drain Ch20	-42.77
Mainland Drain Ch20	92.28
Montante Drain Ch20	9.06
Hoot Drain Ch20	-2.07
Peterson Drain Ch20	-154.63
Wilcox Drain Ch20	-136.78
Richardson Drain Ch20	5.90
Gabler Drain Ch20	-399.79
Kasper Drain Ch20	-18.44
Dunleavy Drain Ch20	32.12
Brotherton Drain Ch20	-25.72
Lynn D Allen Drain Ch20	-5.84
Hobart Drain Ch20	-3.91
Hugh Dohany Drain Ch20	-171.57
Quinn Drain Ch20	-65.04

Oakland County Treasurer's Office

Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 15

Fund Description	Ending Accrual
Heron Drain Maintenance	-37.56
McDonnell Drain Ch20	-111.52
Fred D Houghton Drain Ch20	3.20
Brennan Drain Ch20	-4.36
Hayes Drain Ch20	4.61
Page Drain Ch20	2.99
Fessler Drain Ch20	-0.88
Douglas Drain Ch20	-2.66
McDonald Drain Ch20	-84.10
Roth Drain Ch20	35.29
Daly Drain Ch20	-3.12
Fortino Drain Ch20	1.05
Hayward Drain Ch20	-2.08
M - 15 Drain Ch20	-4.40
Flannery Drain Ch20	-105.26
Elliott Drain Ch20	11.75
Gorsline Drain Ch20	-23.00
Lanni Drain Ch20	-93.00
Moxley Drain Ch20	-8.53
McConnell Drain Ch20	-27.14
Olson Drain Ch20	-13.90
Dennis Murphy Drain Ch20	-3.40
Kelly Drain Ch20	-2.85
Doyon Drain Ch20	6.24
Jackson Drain Ch20	-77.39
Caddell Drain Ch20	1.92
Gosling Drain Ch20	-2.63
Vogt Drain Ch20	6.07
Rewold Drain Ch20	-24.86
Moore Drain Ch20	-0.63
Nelson Drain Ch20	-53.03
Law Drain Ch20	-23.50
Skarritt Drain Ch20	-9.66
Holland Drain Ch20	0.81
Dorothy Webb Drain Ch20	7.41
Fredericks Drain Ch20	29.92
Johnson Drain Ch20	-21.35
Ireland Drain Ch20	-24.86
Karas Drain Ch20	-10.56
Hamlin Ext Maintenance Fund	-32.05
Hampton Drain Ch20	-26.23
Lueders Drain Ch20	-68.61
Borden Drain Ch20	-6.24
Keego Harbor Drain Ch20	13.82
Beechmont Drain Ch20	42.39
Jensen Drain Ch20	-37.24
Crake Drain Ch20	-20.25
King Drain Ch20	-186.56
Cranberry Lake Drain Ch20	-3.95
Bishop Drain Ch20	-5.69
McIntyre Drain Ch20	-9.89
Clinton River WRRF Drain CH20	-6,536.35
McIntosh Drain Ch20	-10.98
Oaks Drain Ch20	1.80
Pebble Creek Drain Ch20	-0.42
Minnow Pond Drain Ch20	-21.58

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 16

Fund Description	Ending Accrual
Vinewood Drain Ch20	-110.56
Chester Drain Ch20	-2.18
John E Olsen Drain Ch20	-23.01
Robert Huber Drain Ch20	-10.04
Wolf Drain Ch20	-24.04
Palmer Drain Ch20	1.47
David L Moffitt Drain Ch20	0.10
Joseph Jones Drain Ch20	-11.68
Rufe Collier Drain Ch20	-5.07
Schmid Drain Ch 20	79.54
Blue Heron Drain Ch20	3.08
Bloomfield Hls CSO Drain Ch20	106.15
Acacia Park CSO Drain Ch20	-1,125.54
Korzon Drain Ch20	-5.02
Birmingham CSO Drain Ch20	-1,486.44
Bloomfield Twp CSO Drain Ch20	19.55
Bloomfield Vlg CSO Drain Ch20	-1,418.19
McCullouch Drain Maintenance	-15.59
Kaczmar Drain Ch20	49.70
Sue Ann Douglas Drain Ch20	-3.05
North Arm Relief Drain Ch20	-7.59
Charles R Moon Drain Ch20	-6.32
Franklin 14 Mile Drain Ch20	-13.38
Greenacre Drain Ch20	-2.63
John Garfield Drain Ch20	-20.99
Robert A Reid Drain Ch20	9.97
Donohue Drain Ch20	2.89
Nancy Dingeldey Drain Ch20	-3.35
Jacobs Drain Ch20	2.92
Jamian Drain Ch20	-6.30
Tribute Drain Ch20 Maint	-1.72
Six Points Drain Ch 20	-3.59
Pernick Drain Ch 20	8.11
Kutchey Drain Ch21	-44.50
Red Run Federal Drain Ch21	-165.51
Red Run Project 2 Drain Ch21	-60.68
Walker Relief Drain Ch21	47.59
Randolph St Drain Ch21	21.86
Clinton River Basin Drain Ch21	-10.15
McCoy Drain Ch21	-12.68
Red Run Warren Drain Ch21	7.19
Oakland Macomb InterceptorCh21	-12,988.72
Clinton River Spillway	0.97
Quail Ridge Drain	3.75
Dan Devine Debt	-0.80
Pontiac WWTF Drain Debt	-0.38
Pontiac WWTP Debt	-1.14
POC WWTF Taxable Debt	-389.70
Heron Drain Debt	-23.19
POC WWTF Phase I Debt	-0.55
King Drain Debt	-208.25
Clinton River WRRF Debt	-2.03
POC WWTF Phase II Debt	-1.28
G W Kuhn Drain Debt	-224.25
Franklin Sub-Watershed Debt Fn	-22.23
John Garfield Drain Debt	-1.59

Oakland County Treasurer's Office Summary of Accrued Interest by Fund

Report Date Range: October 01, 2019 - October 31, 2019

Page 17

Fund Description	Ending Accrual
Donohue Drain Debt	-1.49
Rummell Relief Bridge Debt	-9.80
Tribute Drain Debt Fund	-1.52
OMIDD Seg 1 Debt	-83.97
OMIDD Set 2 Debt	-9.21
OMIDD Seg 3 Debt	-21.11
OMIDD Seg 4 Debt	-19.59
Dan Devine Drain Const	0.04
Pontiac WWTF Drain Const	-11.31
Heron Drain Const	0.08
Rewold Drain Phase II	4.54
Rowland Drain Const	2.54
Clinton River WRRF Drain	-187.15
Maplehurst Drain Const	27.08
Bloomfield Hls CSO Drain Const	15.49
Bloomfield Twp CSO Drain Const	-74.27
Kaczmar Drain Const	0.26
Franklin Sub-Watershed Const	26.92
POC WWTF 2014 Improve	-83.05
Hamlin Drain Erosion Repair	6.29
North Hayes Interceptor Const	-8.83
GWK SDS Improvement Projects	-754.02
Oakland Macomb Interceptor	-173.20
Oakland Macomb InterceptorSeg3	-31.27
Oakland Macomb InterceptorSeg4	-7,459.33
Rewold Drain Refunding	-1.99
Bloomfield Twp CSO Refunding	-35.60
G W Kuhn Drain Refunding	-6.52
Jacobs Drain Refunding	-1.06
Public Transportation Authrty	-12.61
Oak Co Zoological Authority	-15.16
Art Institute Authority	-82.39
Business Finance Corporation	-1,073.61
GRAND TOTALS:	-1,726,691.56

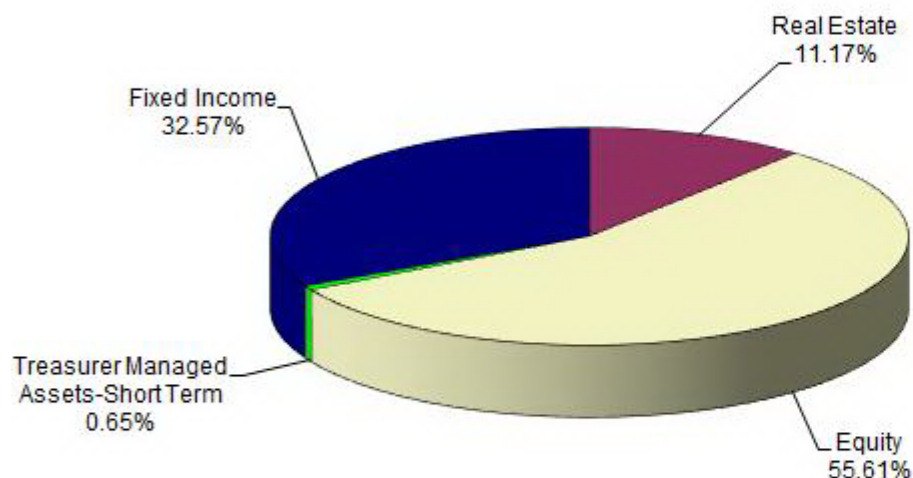
Oakland County
Retirement System

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of October 31, 2019

Page 1

Type	Current Original Cost
Retirement Equity & Fixed	1,814,432,683.14
Retirement Real Estate	229,891,759.04
Pool Portfolio	13,372,445.05
GRAND TOTALS:	<u>2,057,696,887.23</u>

County Of Oakland Employees'
Retirement System
Andrew E. Meisner, County Treasurer



Retirement Investments by Type



Oakland County Treasurer's Office

Summary of Investments by Fund, Type, and Issuer

Report as of October 31, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
73100	Employees' Retirement System			
	Retirement Equity & Fixed			
		ABS	44,562,965.58	
		CS McKee - Fixed	121,209,356.81	
		DUNE REAL ESTATE	437,610.00	
		Franklin Templeton - Fixed	35,903,860.78	
		Great Lakes Advisor	14,805,046.96	
		JPMorgan Chase	0.00	
		Lazard Asset Management	37,232,520.49	
		Lee Munder	25,264,184.48	
		Loomis Sayles - Fixed	74,187,576.07	
		Loomis Sayles Small Cap	22,562,495.65	
		Munder Capital Management	0.00	
		Northern Trust	208,826.79	
		PICTET International Equity Fu	48,270,448.63	
		RBC Global Asset Management (U	5,911.90	
		Reinhart Partners	15,117,675.00	
		SSGA Index Fund	74,245,297.02	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	72,021,690.70	
		Times Square Capital Managemen	14,174,512.27	
		Wedge Capital Management	14,380,371.96	
		Wells Capital Management	19,334,786.18	
		Totals for Retirement Equity & Fixed		633,925,137.27
	Retirement Real Estate			
		AEW PARTNERS RE VII	2,611,496.86	
		Alidade Capital Fund IV, LP	3,840,894.90	
		Churchill Middle Market	13,508,562.68	
		JPMorgan European Property Fun	1,056,239.01	
		Morgan Stanley Prime Fund	44,242,596.81	
		Prudential -Prissa II	19,024,956.23	
		ValStone	2,359,772.62	
		Walton Street Real Estate Fund	3,487,389.87	
		Totals for Retirement Real Estate		90,131,908.98
		Totals for Employees' Retirement System		724,057,046.25
73200	VEBA Trust			
	Retirement Equity & Fixed			
		ABS	55,513,135.58	
		CS McKee - Fixed	245,331,625.24	
		DUNE REAL ESTATE	875,219.00	
		Franklin Templeton - Fixed	75,933,918.83	
		Great Lakes Advisor	25,735,898.22	
		JPMorgan Chase	0.00	
		Lazard Asset Management	80,858,626.97	
		Lee Munder	47,723,254.35	
		Loomis Sayles - Fixed	111,134,108.86	
		Loomis Sayles Small Cap	55,414,951.38	
		Munder Capital Management	0.00	
		Northern Trust	521,969.68	
		PICTET International Equity Fu	76,031,779.23	
		RBC Global Asset Management (U	11,081.56	
		Reinhart Partners	26,021,829.89	
		SSGA Index Fund	141,898,443.48	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	133,139,134.57	
		Times Square Capital Managemen	29,090,371.57	
		Wedge Capital Management	26,268,893.53	
		Wells Capital Management	34,111,185.90	
		Totals for Retirement Equity & Fixed		1,165,615,427.84



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of October 31, 2019

Page 2

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
	Retirement Real Estate			
		AEW PARTNERS RE VII	5,150,993.71	
		Alidade Capital Fund IV, LP	2,344,299.50	
		Churchill Middle Market	22,375,748.91	
		Macquarie European Infrastruct	3,968,721.16	
		Macquarie Infrastructure Partn	5,210,874.46	
		Morgan Stanley Prime Fund	63,897,832.89	
		Prudential -Prissa II	26,550,324.50	
		ValStone	3,291,213.96	
		Walton Street Real Estate Fund	6,969,840.97	
		Totals for Retirement Real Estate		139,759,850.06
		Totals for VEBA Trust		1,305,375,277.90
73310	Superseding Trust			
	Retirement Equity & Fixed			
		CS McKee - Fixed	5,740,794.48	
		JPMorgan Chase	0.00	
		SSGA Index Fund	9,151,323.55	
		Totals for Retirement Equity & Fixed		14,892,118.03
		Totals for Superseding Trust		14,892,118.03
GRAND TOTALS:				2,044,324,442.18

Balances may not reflect current market value updates



Oakland County Investment Pool
Fund 73100 - Employees Retirement System
Cash
October 31, 2019

Oakland County Treasury

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS73100	73100	Pooled Investments	10/01/2019	14,298,561.29	14,298,561.29	3.271	3.226	3.270
Subtotal and Average				14,298,561.29	14,298,561.29		3.226	3.271
Total Cash Average				14,298,561.29	14,298,561.29		3.226	3.271
Total Cash and Investments				14,298,561.29				



Oakland County Investment Pool
Fund 73200 - VEBA Trust
Cash
October 31, 2019

Oakland County Treasury

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS73200	73200	Pooled Investments	10/01/2019	1,917,564.84	1,917,564.84	3.271	3.226	3.270
Subtotal and Average				1,917,564.84	1,917,564.84		3.226	3.271
Total Cash Average				1,917,564.84	1,917,564.84		3.226	3.271
Total Cash and Investments				1,917,564.84				

Fund 73310 - Superseding Trust
Cash
October 31, 2019

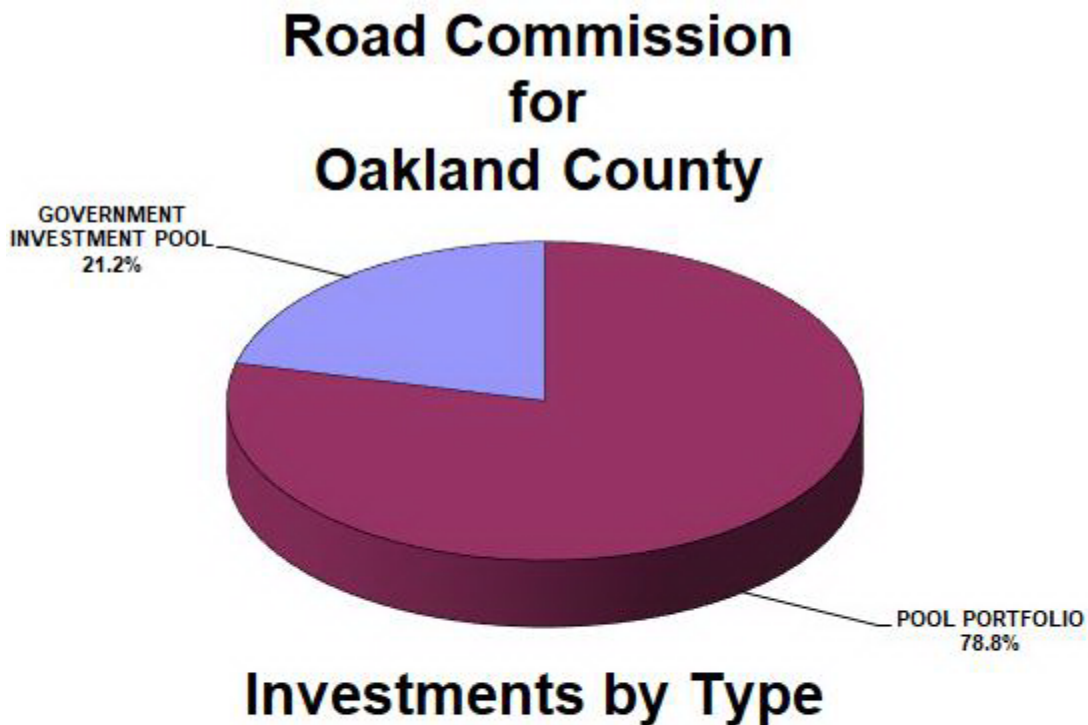
Page 3

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS	73310	Pooled Investments	10/01/2019	57,413.99	57,413.99	3.271	3.225	3.270
Subtotal and Average				57,413.99	57,413.99		3.226	3.271
Total Cash Average				57,413.99	57,413.99		3.226	3.271
Total Cash and and Investments				57,413.99				

Road Commission
For
Oakland County

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of October 31, 2019

Type	Current Original Cost
Governmental Investment Pool	17,608,396.51
Pool Portfolio	65,488,135.89
GRAND TOTALS:	<u>83,096,532.40</u>





Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of October 31, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95210	Road Commission Fund Governmental Investment Pool			
		Flagstar Bank	8,272,719.06	
		Imprest Cash	2,800.00	
		Totals for Governmental Investment Pool		8,275,519.06
		Totals for Road Commission Fund		8,275,519.06
95211	Road Commission Special Assmnt Governmental Investment Pool			
		Federated Investors	9,042,992.17	
		Totals for Governmental Investment Pool		9,042,992.17
		Totals for Road Commission Special Assmnt		9,042,992.17
95293	Road Commission Escrow Governmental Investment Pool			
		Flagstar Bank	257,885.28	
		Totals for Governmental Investment Pool		257,885.28
		Totals for Road Commission Escrow		257,885.28
95295	Road Commission Risk Managemen Governmental Investment Pool			
		Flagstar Bank	32,000.00	
		Totals for Governmental Investment Pool		32,000.00
		Totals for Road Commission Risk Managemen		32,000.00
GRAND TOTALS:				17,608,396.51



Oakland County Investment Pool
Fund 77977 - LGIP RCOC Road Fund
Cash
October 31, 2019

Oakland County Treasury

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77977	77977	Pooled Investments	10/01/2019	63,423,534.79	63,423,534.79	3.271	3.226	3.270
Subtotal and Average				63,423,534.79	63,423,534.79		3.226	3.271
Total Cash Average				63,423,534.79	63,423,534.79		3.226	3.271
Total Cash and Investments				63,423,534.79				

Fund 77978 - LGIP RCOC Road Escrow
Cash
October 31, 2019

Page 2

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77978	77978	Pooled Investments	10/01/2019	963,224.62	963,224.62	3.271	3.226	3.270
Subtotal and Average				963,224.62	963,224.62		3.226	3.271
Total Cash Average				963,224.62	963,224.62		3.226	3.271
Total Cash and Investments				963,224.62				

Fund 77979 - LGIP RCOC Road Risk
Cash
October 31, 2019

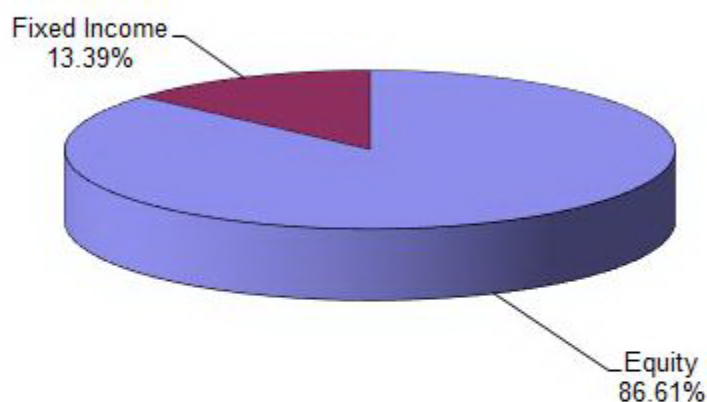
CUSIP	Investment #	Issuer	Purchase Date	Book Value	Market Value	Current Rate	YTM 360	YTM 365
Managed Pool Accounts								
SYS77979	77979	Pooled Investments	10/01/2019	1,101,376.48	1,101,376.48	3.271	3.226	3.270
Subtotal and Average				1,101,376.48	1,101,376.48		3.226	3.271
Total Cash Average				1,101,376.48	1,101,376.48		3.226	3.271
Total Cash and Investments				1,101,376.48				

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of October 31, 2019

Page 1

Type	Current Original Cost
Retirement Equity & Fixed	236,821,811.30
GRAND TOTALS:	236,821,811.30

Road Commission Retirement



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of October 31, 2019

Page 1

Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95234	Road Commission Retirement			
	Retirement Equity & Fixed			
		Comerica Bond Index Fund	0.00	
		Commingled Mutual Fund Acct	101,758,226.39	
		Cumberland Advisors Inc fixed	31,764,747.58	
		Harding Loevner LP Intl	14,224,288.91	
		LS Investment Advisors LLC	24,836,411.06	
		RE Principal Enhanced Proper	18,472,299.78	
		Receipt & Disburse Cash Acct	-113,477.50	
		Rothschild Asset Management	12,620.85	
		Totals for Retirement Equity & Fixed		190,955,117.07
		Totals for Road Commission Retirement		190,955,117.07
95235	Road Commission Retiree Health			
	Retirement Equity & Fixed			
		American Realty	4,233,458.50	
		Cash Account	66,322.70	
		Commingled Mutual Fund Acct	27,301,771.58	
		Garcia Hamilton & Associates	11,076,976.54	
		Harding Loevner LP Intl	3,188,164.91	
		Totals for Retirement Equity & Fixed		45,866,694.23
		Totals for Road Commission Retiree Health		45,866,694.23
GRAND TOTALS:				236,821,811.30